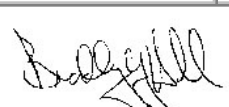


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input checked="" type="checkbox"/>				
<b>APPLICATION FOR PERMIT TO DRILL</b>						1. WELL NAME and NUMBER THREE RIVERS 2-25-820				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR AXIA ENERGY LLC						7. OPERATOR PHONE 720 746-5200				
8. ADDRESS OF OPERATOR 1430 Larimer Ste 400, Denver, CO, 80202						9. OPERATOR E-MAIL rsatre@axiaenergy.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML-49318			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		528 FSL 912 FWL		SWSW	2	8.0 S	20.0 E	S		
Top of Uppermost Producing Zone		528 FSL 1332 FWL		SESW	2	8.0 S	20.0 E	S		
At Total Depth		528 FSL 1332 FWL		SESW	2	8.0 S	20.0 E	S		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 528			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 16			26. PROPOSED DEPTH MD: 8668 TVD: 8635				
27. ELEVATION - GROUND LEVEL 4767			28. BOND NUMBER LPM9046682			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2262 - RNI at Green River				
<b>Hole, Casing, and Cement Information</b>										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	11	8.625	0 - 900	32.0	J-55 LT&C	8.7	Premium Lite High Strength	70	2.97	11.5
							Class G	115	1.16	15.8
PROD	7.875	5.5	0 - 8668	17.0	N-80 LT&C	9.2	Premium Lite High Strength	75	3.38	11.0
							Premium Lite High Strength	545	2.31	12.0
<b>ATTACHMENTS</b>										
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Don Hamilton				TITLE Permitting Agent (Buys & Associates, Inc)				PHONE 435 719-2018		
SIGNATURE				DATE 05/16/2012				EMAIL starpoint@etv.net		
API NUMBER ASSIGNED 43047526900000				APPROVAL  Permit Manager						

## DRILLING PLAN

**Axia Energy, LLC**  
**Three Rivers Project**  
**Three Rivers #2-25-820**  
**SWSW Sec 2 T8S R20E**  
**Uintah County, Utah**

### 1. ESTIMATED FORMATION TOPS

FORMATION	TOP (TVD)	COMMENTS
Uinta	Surface	Gas & Degraded Oil; Possible Brackish H <sub>2</sub> O
Green River	2,801'	Oil & Associated Gas
Lower Green River*	4,758'	Oil & Associated Gas
Wasatch*	6,635'	Oil & Associated Gas
TD	8,668' (MD) 8,635' (TVD)	

NOTE: Datum, Ground Level (GL) Elevation: 4,767'; Asterisks (\*) denotes target pay intervals

A) The State of Utah, Division of Oil, Gas and Mining will be notified within 24 hours of spudding the well.

### 2. CASING PROGRAM

CASING	HOLE SIZE	DEPTH SET (MD)	CSG SIZE	WGHT	GRD	THRD	CAPACITY (bbl/ft)
CONDUCTOR		50-75	13 3/8				
SURFACE	11	900 ±	8 5/8	32.0	J-55	LTC	0.0609
PRODUCTION	7 7/8	8,668'	5 1/2	17.0	N-80	LTC	0.0232

NOTE: All casing depth intervals are to surface unless otherwise noted.

#### *Casing Specs*

SIZE (in)	ID (in)	DRIFT DIA (in)	COLLAPSE RESISTANCE (psi)	INTERNAL YIELD (psi)	TENSILE YIELD (lbs)	JOINT STRENGTH (lbs)
8 5/8	7.921	7.796	2,530	3,930	503,000	417,000
5 1/2	4.892	4.767	6,280	7,740	397,000	348,000

\*The State of Utah will be notified 24 hours prior to running casing, cementing, and BOPE testing

### **FLOAT EQUIPMENT**

**SURFACE (8 5/8):** Float Shoe, 1 JNT Casing, Float Collar  
Centralizers: 1<sup>st</sup> 4 Joints: every joint  
Remainder: every third joint

**PRODUCTION (5 1/2):** Float Shoe, 1 JNT Casing, Float Collar  
Centralizers: 1<sup>st</sup> 4 Joints: every joint  
Remainder: every third joint 500' into surface casing

NOTE: 5 1/2" 17# N-80 or equivalent marker collar or casing joints will be placed at the top of the Green River and approximately 400' above the Wasatch.

### **3. CEMENT PROGRAM**

**CONDUCTOR (13 3/8):** Ready Mix – Cement to surface

**SURFACE (8 5/8):** Cement Top: Surface  
Lead: 70 sks, Premium Lightweight Cmt w/ additives, 11.50 ppg, 2.97 cf/sk, 50% excess  
Tail: 115 sks Class G Cement w/ additives, 15.80 ppg, 1.16 cf/sk, 50% excess

NOTE: The above volumes are based on a gauge-hole + 50% excess.

**PRODUCTION (5 1/2):** Cement Top – 1,500'  
Lead: 75 sacks – Premium Lite II – 11.0 ppg, 3.38 ft3/sk – 20% excess  
Tail: 545 sacks – Light Premium Cement w/ additives – 12.0 ppg, 2.31 ft3/sk – 20% excess

NOTE: The above volumes are based on gauge hole + 20% excess. Adjustments will be made and volumes will be caliper + 10%.

NOTE: The above volumes are based on a gauged-hole. Adjustments will be made based on caliper.

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- C) The State of Utah will be notified 24 hours prior to running casing and cementing.

### **4. PRESSURE CONTROL EQUIPMENT**

- A) The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to all BOPE pressure tests.

- B)** The BOPE shall be closed whenever the well is unattended.
- a) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
  - b) Choke Manifold:
    - i) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
    - ii) Two adjustable chokes will be used in the choke manifold.
    - iii) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
    - iv) Pressure gauges in the well control system will be designed for drilling fluid.
- C)** BOPE Testing:
- a) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
  - b) All BOP tests will be performed with a test plug in place.
  - c) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

INTERVAL	BOP EQUIPMENT
0 – 900 ±	11" Diverter with Rotating Head
900 ± – TD	3,000# Ram Double BOP & Annular with Diverter & Rotating Head

NOTE: Drilling spool to accommodate choke and kill lines.

## 5. MUD PROGRAM

- A)** Mud test will be performed at least every 24 hours and after mudding up to determine density, viscosity, gel strength, filtration, and pH.
- B)** Gas-detecting equipment will be installed and operated in the mud-return system from top of Green River Formation to TD.
- a) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T's and anchors.

INTERVAL	MUD WGHT	VISC	FLUID LOSS	COMMENTS
SURF – 900 ±	8.4 – 8.7 ppg	32	NC	Spud Mud
900 ± – TD	8.6 – 9.2 ppg	40	NC	DAP/Gel

NOTE: Mud weight increases will be directed by hole conditions.

## 6. ABNORMAL CONDITIONS

- A)** No abnormal pressures or temperatures are anticipated.
- a) Estimated bottom hole pressure at TD will be approximately 3,739 psi (normal pressure gradient: 0.433 psi/ft).
  - b) Estimated maximum surface pressure will be approximately 1,900 psi (estimated bottom hole minus pressure of partially evacuated hole (gradient: 0.220 psi/ft)).
- B)** No hydrogen sulfide is anticipated.

INTERVAL	CONDITION
SURF – 900 ±	Lost Circulation Possible
900 ± – TD	Lost Circulation Possible



7. **AUXILIARY EQUIPMENT**

- A) Choke Manifold
- B) Upper and lower kelly cock with handle available
- C) Stabbing valve
- D) Safety valve and subs to fit all string connections in use

8. **SURVEY & LOGGING PROGRAMS**

- A) Cores: None anticipated.
- B) Testing: None anticipated.
- C) Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.
- D) Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.
- E) Mud Logs: Computerized 2-person logging unit will catch and describe 10 foot samples from top of Green River Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

9. **HAZARDOUS MATERIALS**

In accordance with Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, no chemicals subject to reporting in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well.

T8S, R20E, S.L.B.&M.

AXIA ENERGY

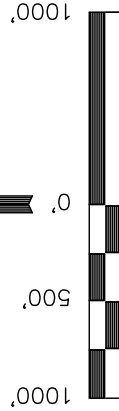
Well location, THREE RIVERS #2-25-820, located as shown in the SW 1/4 SW 1/4 of Section 2, T8S, R20E, S.L.B.&M., UINTAH County, Utah.

BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

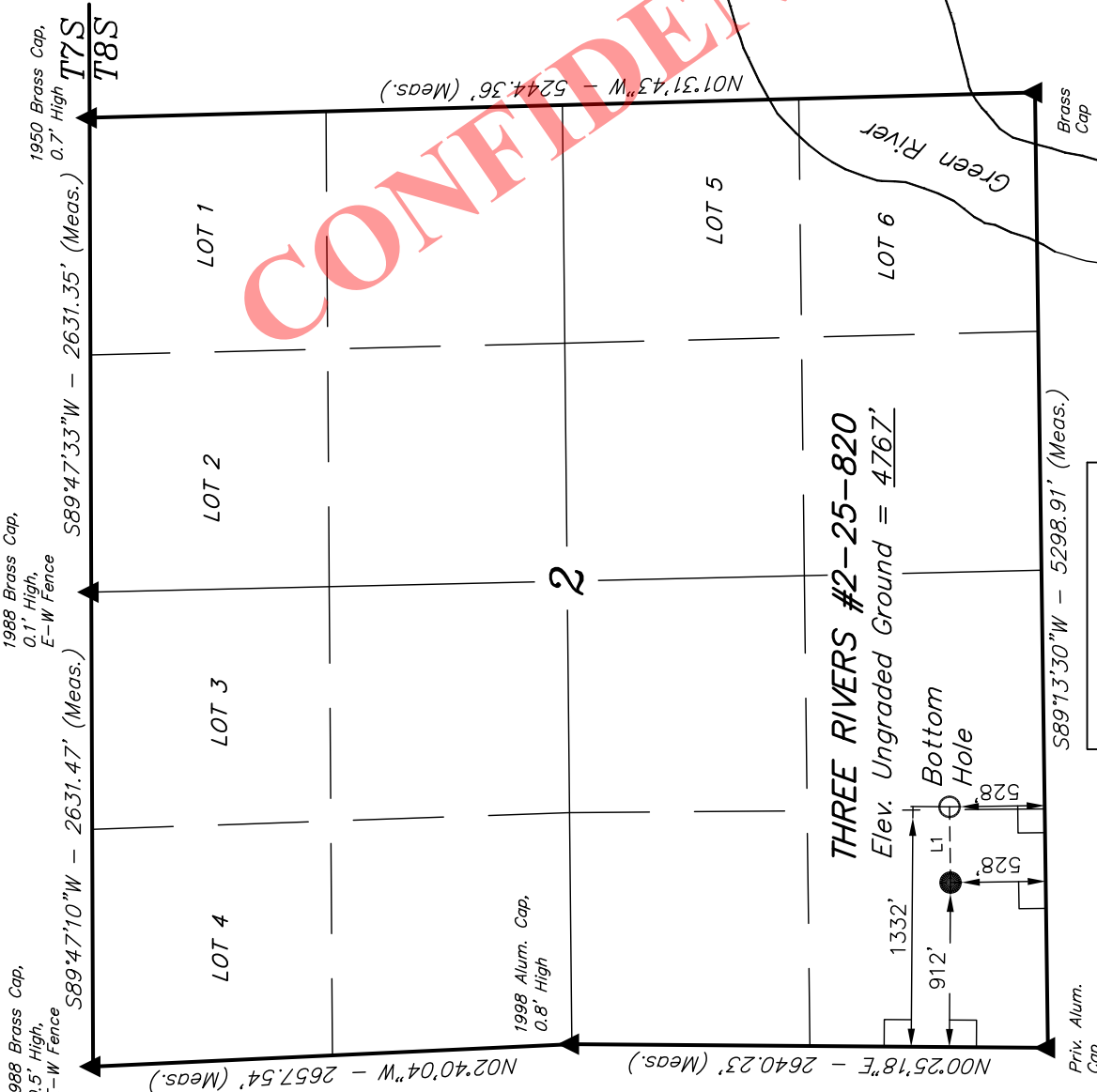
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE POINT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY CLOSE SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ROBERT L. KAY  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH  
04-27-12

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-29-12	DATE DRAWN: 04-03-12
PARTY B.H. N.F. N.S.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE	
		AXIA ENERGY



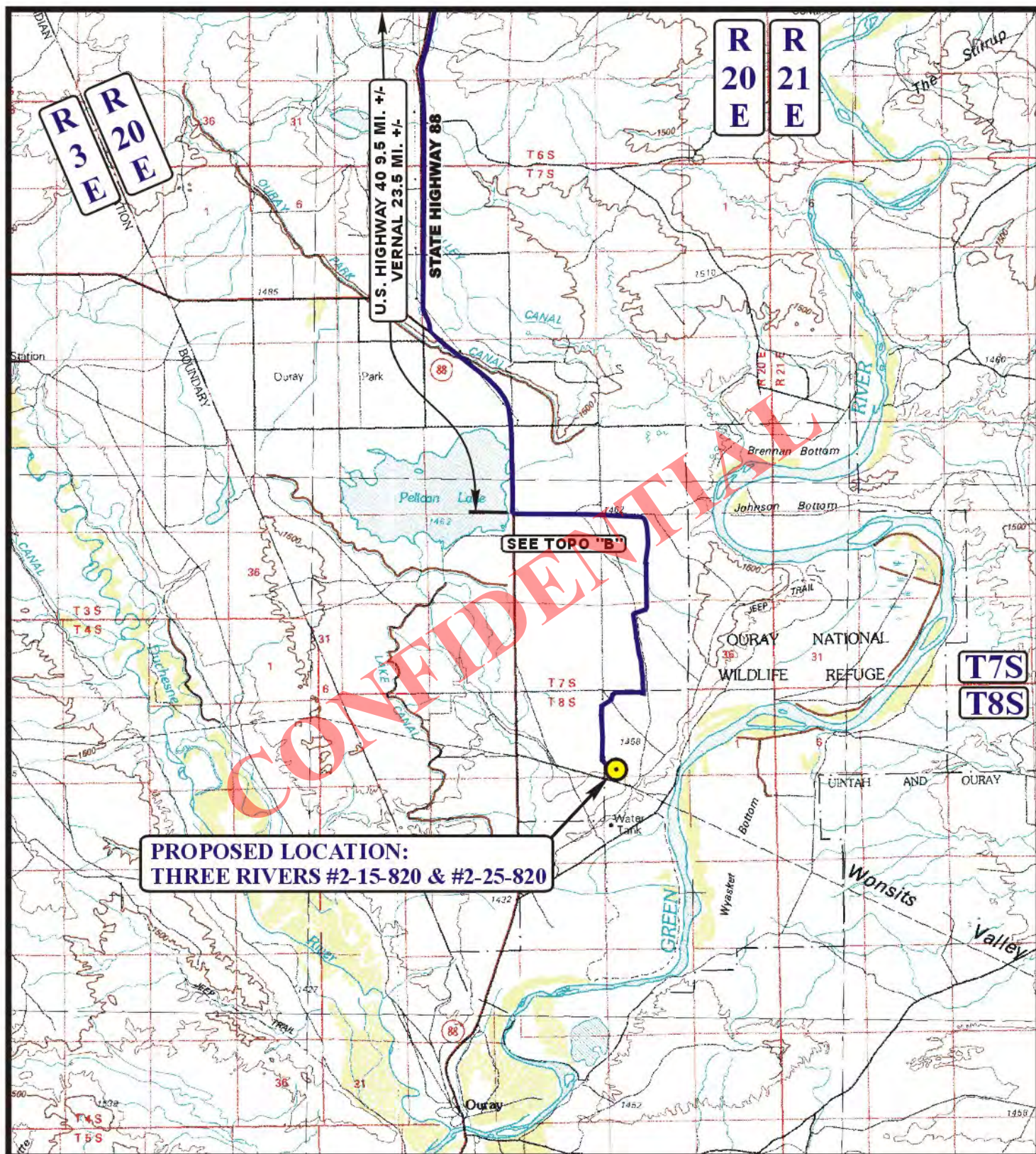
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N89°14'15"E	420.04'

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°08'46.05"	(40.146125)	LATITUDE = 40°08'45.99"	(40.146108)
LONGITUDE = 109°38'24.78"	(109.640217)	LONGITUDE = 109°38'30.19"	(109.641719)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°08'46.18"	(40.146161)	LATITUDE = 40°08'46.12"	(40.146144)
LONGITUDE = 109°38'22.28"	(109.639522)	LONGITUDE = 109°38'27.69"	(109.641025)

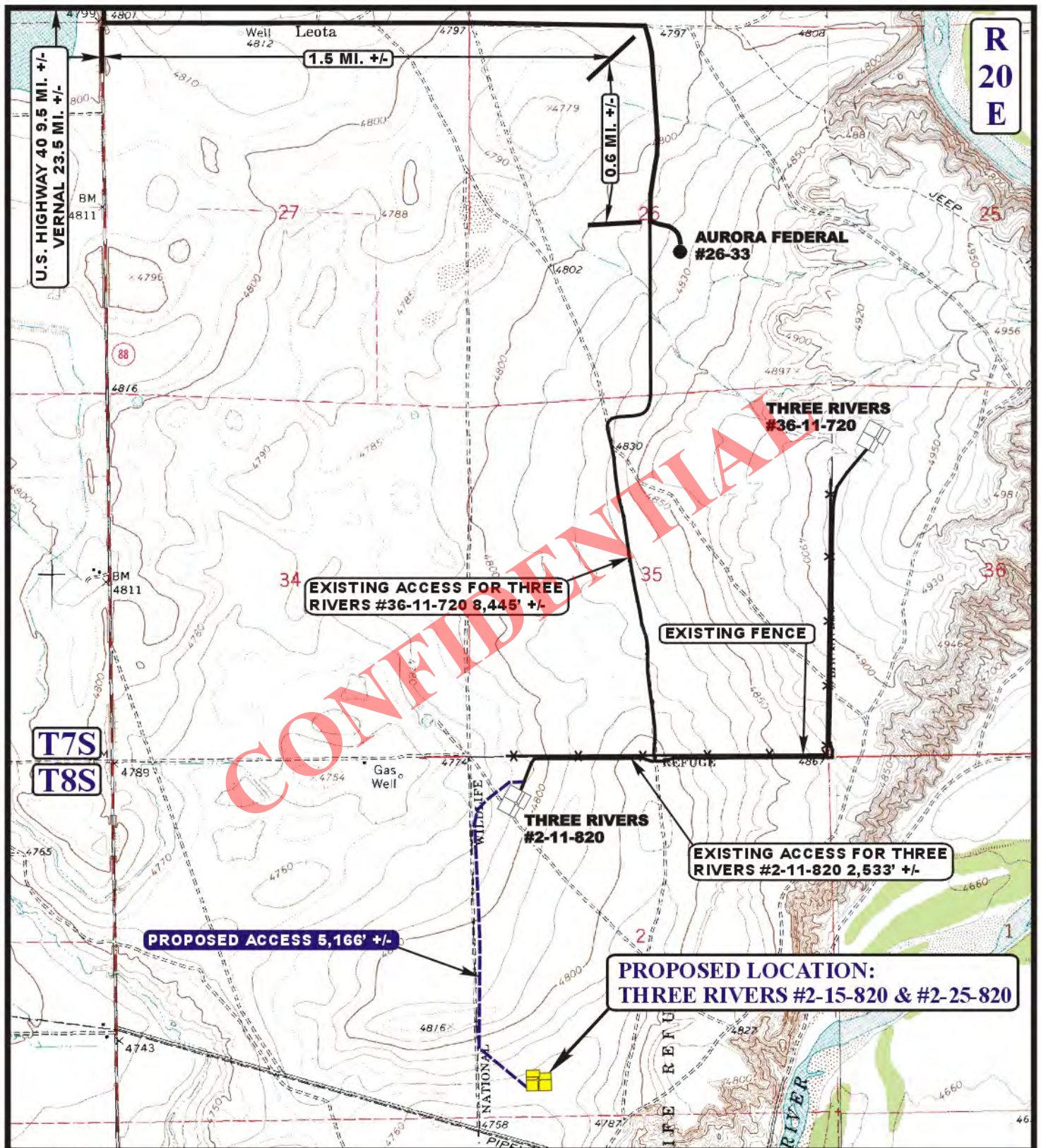
LEGEND:

- 90° SYMBOL
- PROPOSED WELL HEAD.
- SECTION CORNERS LOCATED.









**LEGEND:**

	EXISTING ROAD
	PROPOSED ACCESS ROAD
	EXISTING 2-TRACK NEEDS UPGRADED



**AXIA ENERGY**

**THREE RIVERS #2-15-820 & #2-25-820**  
**SECTION 2, T8S, R20E, S.L.B.&M.**  
**SW 1/4 SW 1/4**



**Uintah Engineering & Land Surveying**  
**85 South 200 East Vernal, Utah 84078**  
**(435) 789-1017 \* FAX (435) 789-1813**

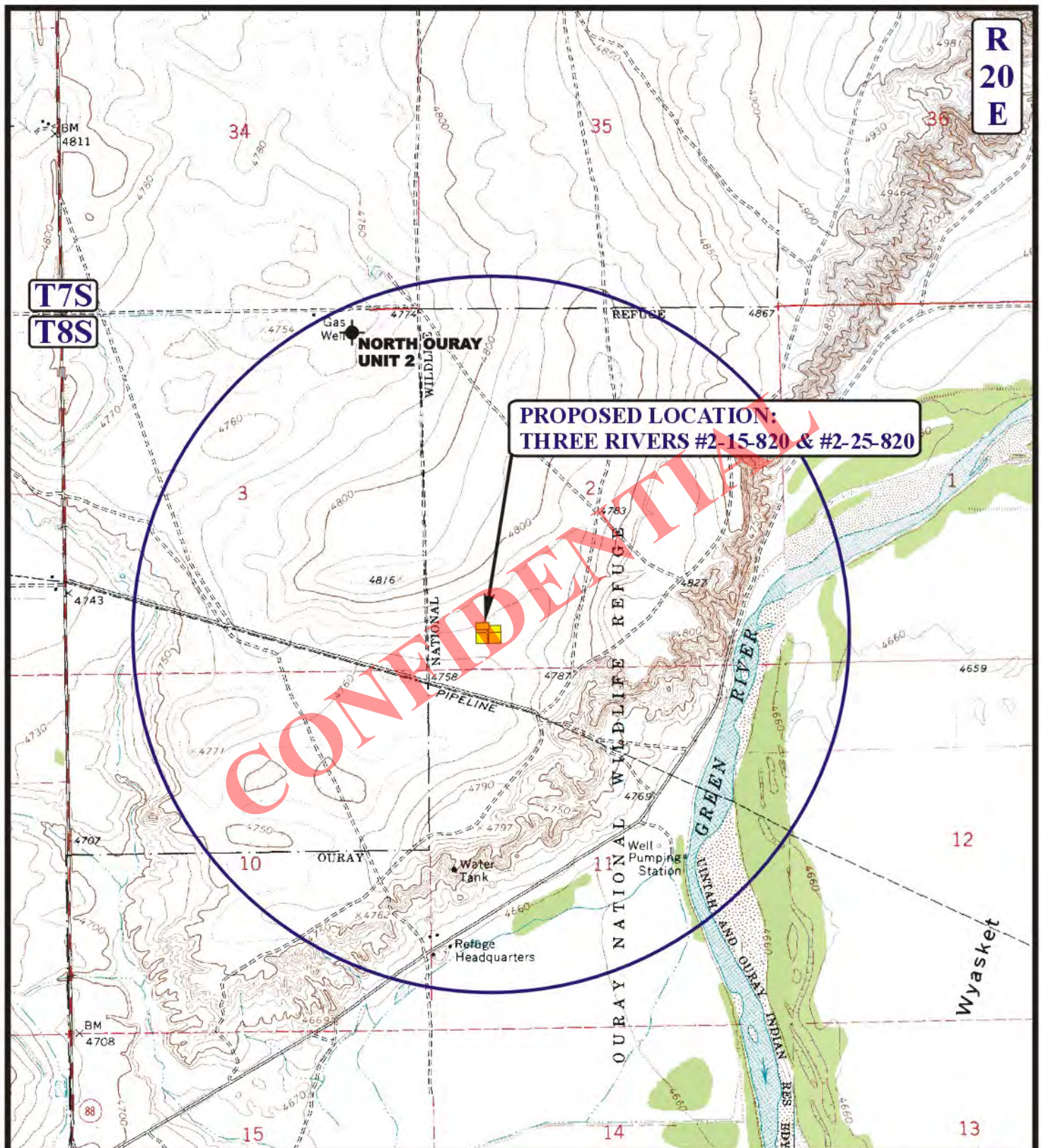
**ACCESS ROAD**  
**M A P**

**04** **13** **12**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: A.T. REVISED: 00-00-00

**B**  
**TOPO**





**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ◻ DISPOSAL WELLS  | ◻ WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |



**AXIA ENERGY**

**THREE RIVERS #2-15-820 & #2-25-820**  
**SECTION 2, T8S, R20E, S.L.B.&M.**  
**SW 1/4 SW 1/4**



**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
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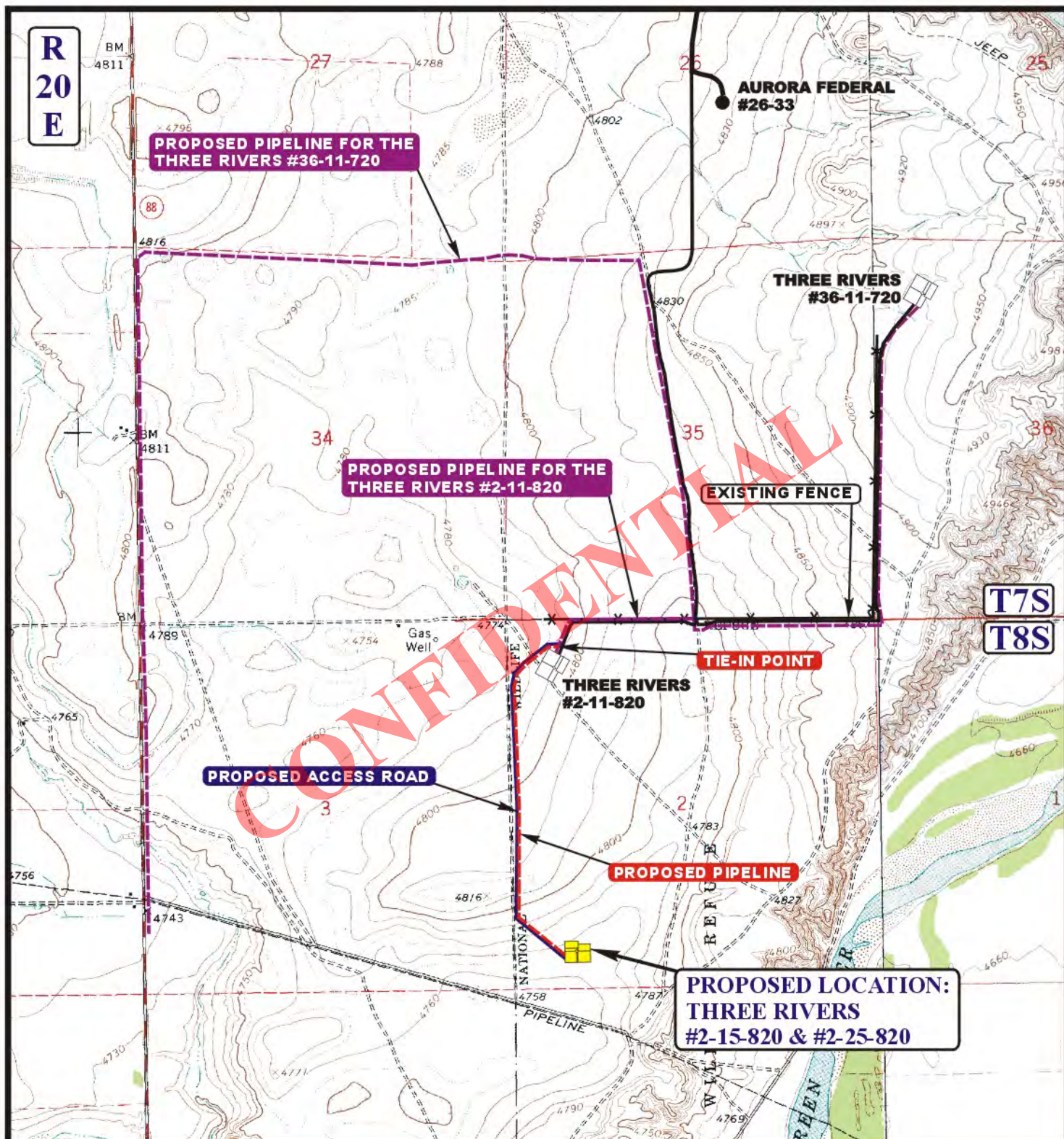
**TOPOGRAPHIC**  
**MAP**

**04 13 12**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: A.T. REVISED: 00-00-00







**APPROXIMATE TOTAL PIPELINE DISTANCE = 5,118' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- - - - - PROPOSED PIPELINE
- - - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)



**AXIA ENERGY**

**THREE RIVERS #2-15-820 & #2-25-820**  
**SECTION 2, T8S, R20E, S.L.B.&M.**  
**SW 1/4 SW 1/4**



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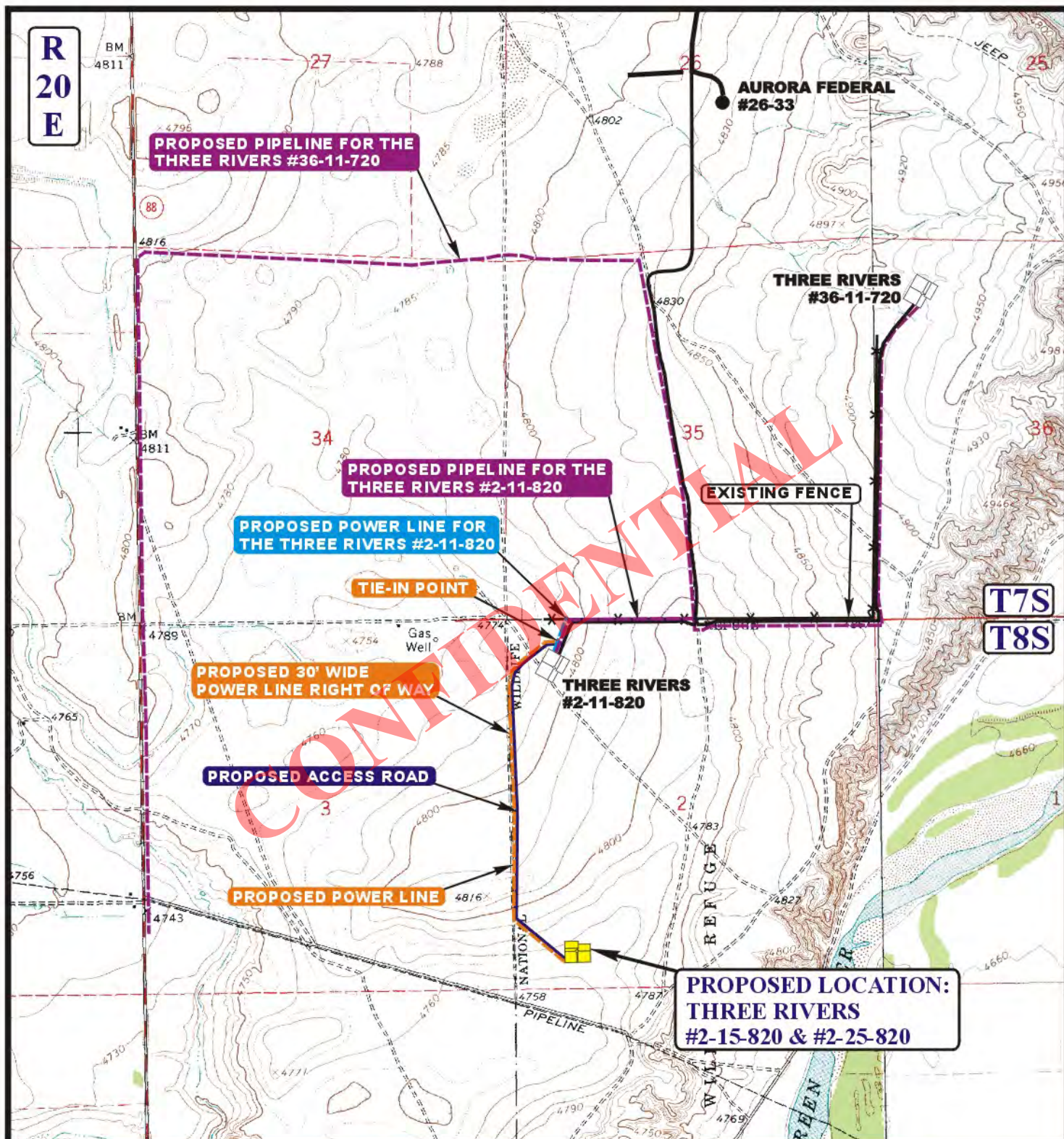
**TOPOGRAPHIC**  
**MAP**

**04 13 12**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: A.T. REVISED: 00-00-00

**D**  
**TOPO**





**APPROXIMATE TOTAL POWER LINE DISTANCE = 5,250' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- PROPOSED POWER LINE
- - - - PROPOSED POWER LINE (SERVICING OTHER WELLS)



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 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**AXIA ENERGY**

**THREE RIVERS #2-15-820 & #2-25-820**  
**SECTION 2, T8S, R20E, S.L.B.&M.**  
**SW 1/4 SW 1/4**

**TOPOGRAPHIC**  
**MAP**

**04 13 12**  
 MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: A.T.

REVISED: 00-00-00

**E**  
**TOPO**







## Cathedral Energy Services

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well Three Rivers #2-25-820
<b>Company:</b>	Axia Energy	<b>TVD Reference:</b>	KB=16' @ 4783.0ft (Original Well Elev)
<b>Project:</b>	Uintah County, UT	<b>MD Reference:</b>	KB=16' @ 4783.0ft (Original Well Elev)
<b>Site:</b>	SEC 2-T8S-R20E	<b>North Reference:</b>	True
<b>Well:</b>	Three Rivers #2-25-820	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	DD		
<b>Design:</b>	Plan #1		

<b>Project</b>	Uintah County, UT		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Northern Zone		

Site		SEC 2-T8S-R20E			
Site Position:		Northing:	3,222,459.91 ft	Latitude:	40.157697
From:	Lat/Long	Easting:	2,162,546.84 ft	Longitude:	-109.632158
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in	Grid Convergence:	1.23 °

Well	Three Rivers #2-25-820					
Well Position	+N/-S	0.0 ft	Northing:	3,218,181.14 ft	Latitude:	40.146108
	+E/-W	0.0 ft	Easting:	2,159,964.90 ft	Longitude:	-109.641719
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,767.0 ft

<b>Wellbore</b>	DD				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	5/9/2012	11.04	65.94	52,301

<b>Design</b>	Plan #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	89.15

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,471.8	9.44	89.15	1,469.7	0.6	38.8	2.00	2.00	0.00	89.15	
3,560.7	9.44	89.15	3,530.3	5.6	381.2	0.00	0.00	0.00	0.00	
4,032.5	0.00	0.00	4,000.0	6.2	420.0	2.00	-2.00	0.00	180.00	
8,667.5	0.00	0.00	8,635.0	6.2	420.0	0.00	0.00	0.00	0.00	Three Rivers #2-25-8:

## Cathedral Energy Services

## Planning Report

**Database:** USA EDM 5000 Multi Users DB  
**Company:** Axia Energy  
**Project:** Uintah County, UT  
**Site:** SEC 2-T8S-R20E  
**Well:** Three Rivers #2-25-820  
**Wellbore:** DD  
**Design:** Plan #1

**Local Co-ordinate Reference:**  
**TVD Reference:**  
**MD Reference:**  
**North Reference:**  
**Survey Calculation Method:**

Well Three Rivers #2-25-820  
 KB=16' @ 4783.0ft (Original Well Elev)  
 KB=16' @ 4783.0ft (Original Well Elev)  
 True  
 Minimum Curvature

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	KOP @ 1000'
1,100.0	2.00	89.15	1,100.0	0.0	1.7	1.7	2.00	2.00	
1,200.0	4.00	89.15	1,199.8	0.1	7.0	7.0	2.00	2.00	
1,300.0	6.00	89.15	1,299.5	0.2	15.7	15.7	2.00	2.00	
1,400.0	8.00	89.15	1,398.7	0.4	27.9	27.9	2.00	2.00	
1,471.8	9.44	89.15	1,469.7	0.6	38.8	38.8	2.00	2.00	EOB; Inc=9.44°
1,500.0	9.44	89.15	1,497.5	0.6	43.4	43.4	0.00	0.00	
1,600.0	9.44	89.15	1,596.1	0.9	59.8	59.8	0.00	0.00	
1,700.0	9.44	89.15	1,694.8	1.1	76.2	76.2	0.00	0.00	
1,800.0	9.44	89.15	1,793.4	1.4	92.6	92.6	0.00	0.00	
1,900.0	9.44	89.15	1,892.1	1.6	109.0	109.0	0.00	0.00	
2,000.0	9.44	89.15	1,990.7	1.9	125.3	125.4	0.00	0.00	
2,100.0	9.44	89.15	2,089.4	2.1	141.7	141.8	0.00	0.00	
2,200.0	9.44	89.15	2,188.0	2.3	158.1	158.2	0.00	0.00	
2,300.0	9.44	89.15	2,286.7	2.6	174.5	174.5	0.00	0.00	
2,400.0	9.44	89.15	2,385.3	2.8	190.9	190.9	0.00	0.00	
2,500.0	9.44	89.15	2,484.0	3.1	207.3	207.3	0.00	0.00	
2,600.0	9.44	89.15	2,582.6	3.3	223.7	223.7	0.00	0.00	
2,700.0	9.44	89.15	2,681.3	3.6	240.1	240.1	0.00	0.00	
2,800.0	9.44	89.15	2,779.9	3.8	256.5	256.5	0.00	0.00	
2,821.4	9.44	89.15	2,801.0	3.9	260.0	260.0	0.00	0.00	Top Green River
2,900.0	9.44	89.15	2,878.5	4.0	272.9	272.9	0.00	0.00	
3,000.0	9.44	89.15	2,977.2	4.3	289.3	289.3	0.00	0.00	
3,100.0	9.44	89.15	3,075.8	4.5	305.7	305.7	0.00	0.00	
3,144.8	9.44	89.15	3,120.0	4.6	313.0	313.1	0.00	0.00	Top Birds Nest
3,200.0	9.44	89.15	3,174.5	4.8	322.1	322.1	0.00	0.00	
3,300.0	9.44	89.15	3,273.1	5.0	338.5	338.5	0.00	0.00	
3,400.0	9.44	89.15	3,371.8	5.3	354.9	354.9	0.00	0.00	
3,500.0	9.44	89.15	3,470.4	5.5	371.3	371.3	0.00	0.00	
3,560.7	9.44	89.15	3,530.3	5.6	381.2	381.2	0.00	0.00	Start Drop -2.00
3,600.0	8.65	89.15	3,569.1	5.7	387.4	387.4	2.00	-2.00	
3,606.0	8.53	89.15	3,575.0	5.8	388.3	388.3	2.00	-2.00	Base Birds Nest
3,700.0	6.65	89.15	3,668.2	5.9	400.7	400.7	2.00	-2.00	
3,800.0	4.65	89.15	3,767.7	6.1	410.5	410.6	2.00	-2.00	
3,900.0	2.65	89.15	3,867.5	6.2	416.9	416.9	2.00	-2.00	
4,000.0	0.65	89.15	3,967.5	6.2	419.8	419.8	2.00	-2.00	
4,032.5	0.00	0.00	4,000.0	6.2	420.0	420.0	2.00	-2.00	EOD; Inc=0°
4,050.5	0.00	0.00	4,018.0	6.2	420.0	420.0	0.00	0.00	Temperature 120
4,100.0	0.00	0.00	4,067.5	6.2	420.0	420.0	0.00	0.00	
4,200.0	0.00	0.00	4,167.5	6.2	420.0	420.0	0.00	0.00	
4,300.0	0.00	0.00	4,267.5	6.2	420.0	420.0	0.00	0.00	
4,400.0	0.00	0.00	4,367.5	6.2	420.0	420.0	0.00	0.00	

## Cathedral Energy Services

## Planning Report

**Database:** USA EDM 5000 Multi Users DB  
**Company:** Axia Energy  
**Project:** Uintah County, UT  
**Site:** SEC 2-T8S-R20E  
**Well:** Three Rivers #2-25-820  
**Wellbore:** DD  
**Design:** Plan #1

**Local Co-ordinate Reference:**  
**TVD Reference:**  
**MD Reference:**  
**North Reference:**  
**Survey Calculation Method:**

Well Three Rivers #2-25-820  
 KB=16' @ 4783.0ft (Original Well Elev)  
 KB=16' @ 4783.0ft (Original Well Elev)  
 True  
 Minimum Curvature

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
4,500.0	0.00	0.00	4,467.5	6.2	420.0	420.0	0.00	0.00	
4,600.0	0.00	0.00	4,567.5	6.2	420.0	420.0	0.00	0.00	
4,700.0	0.00	0.00	4,667.5	6.2	420.0	420.0	0.00	0.00	
4,790.5	0.00	0.00	4,758.0	6.2	420.0	420.0	0.00	0.00	Garden Gulch (MGR Marker)
4,800.0	0.00	0.00	4,767.5	6.2	420.0	420.0	0.00	0.00	
4,900.0	0.00	0.00	4,867.5	6.2	420.0	420.0	0.00	0.00	
5,000.0	0.00	0.00	4,967.5	6.2	420.0	420.0	0.00	0.00	
5,100.0	0.00	0.00	5,067.5	6.2	420.0	420.0	0.00	0.00	
5,200.0	0.00	0.00	5,167.5	6.2	420.0	420.0	0.00	0.00	
5,300.0	0.00	0.00	5,267.5	6.2	420.0	420.0	0.00	0.00	
5,400.0	0.00	0.00	5,367.5	6.2	420.0	420.0	0.00	0.00	
5,500.0	0.00	0.00	5,467.5	6.2	420.0	420.0	0.00	0.00	
5,600.0	0.00	0.00	5,567.5	6.2	420.0	420.0	0.00	0.00	
5,700.0	0.00	0.00	5,667.5	6.2	420.0	420.0	0.00	0.00	
5,800.0	0.00	0.00	5,767.5	6.2	420.0	420.0	0.00	0.00	
5,900.0	0.00	0.00	5,867.5	6.2	420.0	420.0	0.00	0.00	
6,000.0	0.00	0.00	5,967.5	6.2	420.0	420.0	0.00	0.00	
6,100.0	0.00	0.00	6,067.5	6.2	420.0	420.0	0.00	0.00	
6,200.0	0.00	0.00	6,167.5	6.2	420.0	420.0	0.00	0.00	
6,300.0	0.00	0.00	6,267.5	6.2	420.0	420.0	0.00	0.00	
6,400.0	0.00	0.00	6,367.5	6.2	420.0	420.0	0.00	0.00	
6,500.0	0.00	0.00	6,467.5	6.2	420.0	420.0	0.00	0.00	
6,517.5	0.00	0.00	6,485.0	6.2	420.0	420.0	0.00	0.00	Top Uteland Butte (LGR Marker)
6,600.0	0.00	0.00	6,567.5	6.2	420.0	420.0	0.00	0.00	
6,667.5	0.00	0.00	6,635.0	6.2	420.0	420.0	0.00	0.00	Top Wasatch (Base Uteland)
6,700.0	0.00	0.00	6,667.5	6.2	420.0	420.0	0.00	0.00	
6,800.0	0.00	0.00	6,767.5	6.2	420.0	420.0	0.00	0.00	
6,900.0	0.00	0.00	6,867.5	6.2	420.0	420.0	0.00	0.00	
7,000.0	0.00	0.00	6,967.5	6.2	420.0	420.0	0.00	0.00	
7,100.0	0.00	0.00	7,067.5	6.2	420.0	420.0	0.00	0.00	
7,200.0	0.00	0.00	7,167.5	6.2	420.0	420.0	0.00	0.00	
7,300.0	0.00	0.00	7,267.5	6.2	420.0	420.0	0.00	0.00	
7,400.0	0.00	0.00	7,367.5	6.2	420.0	420.0	0.00	0.00	
7,500.0	0.00	0.00	7,467.5	6.2	420.0	420.0	0.00	0.00	
7,600.0	0.00	0.00	7,567.5	6.2	420.0	420.0	0.00	0.00	
7,700.0	0.00	0.00	7,667.5	6.2	420.0	420.0	0.00	0.00	
7,800.0	0.00	0.00	7,767.5	6.2	420.0	420.0	0.00	0.00	
7,900.0	0.00	0.00	7,867.5	6.2	420.0	420.0	0.00	0.00	
8,000.0	0.00	0.00	7,967.5	6.2	420.0	420.0	0.00	0.00	
8,100.0	0.00	0.00	8,067.5	6.2	420.0	420.0	0.00	0.00	
8,200.0	0.00	0.00	8,167.5	6.2	420.0	420.0	0.00	0.00	
8,300.0	0.00	0.00	8,267.5	6.2	420.0	420.0	0.00	0.00	
8,400.0	0.00	0.00	8,367.5	6.2	420.0	420.0	0.00	0.00	
8,500.0	0.00	0.00	8,467.5	6.2	420.0	420.0	0.00	0.00	
8,600.0	0.00	0.00	8,567.5	6.2	420.0	420.0	0.00	0.00	
8,667.5	0.00	0.00	8,635.0	6.2	420.0	420.0	0.00	0.00	TD at 8667.5 - Three Rivers #2-25-820 PBHL

## Cathedral Energy Services

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well Three Rivers #2-25-820
<b>Company:</b>	Axia Energy	<b>TVD Reference:</b>	KB=16' @ 4783.0ft (Original Well Elev)
<b>Project:</b>	Uintah County, UT	<b>MD Reference:</b>	KB=16' @ 4783.0ft (Original Well Elev)
<b>Site:</b>	SEC 2-T8S-R20E	<b>North Reference:</b>	True
<b>Well:</b>	Three Rivers #2-25-820	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	DD		
<b>Design:</b>	Plan #1		

Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
Three Rivers #2-25-820	0.00	0.00	8,635.0	6.2	420.0	3,218,196.34	2,160,384.64	40.146125	-109.640217
- plan hits target center									
- Circle (radius 50.0)									

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(ft)	(ft)			(°)	(°)	
2,821.4	2,801.0	Top Green River				
3,144.8	3,120.0	Top Birds Nest				
3,606.0	3,575.0	Base Birds Nest				
4,050.5	4,018.0	Temperature 120				
4,790.5	4,758.0	Garden Gulch (MGR Marker)				
6,517.5	6,485.0	Top Uteland Butte (LGR Marker)				
6,667.5	6,635.0	Top Wasatch (Base Uteland)				

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	
1,000.0	1,000.0	0.0	0.0	KOP @ 1000'
1,471.8	1,469.7	0.6	38.8	EOB; Inc=9.44°
3,560.7	3,530.3	5.6	381.2	Start Drop -2.00
4,032.5	4,000.0	6.2	420.0	EOD; Inc=0°
8,667.5	8,635.0	6.2	420.0	TD at 8667.5

# **Axia Energy**

Uintah County, UT

SEC 2-T8S-R20E

Three Rivers #2-25-820

DD

Plan #1

## **Anticollision Report**

09 May, 2012

## Cathedral Energy Services

## Anticollision Report

<b>Company:</b>	Axia Energy	<b>Local Co-ordinate Reference:</b>	Well Three Rivers #2-25-820
<b>Project:</b>	Uintah County, UT	<b>TVD Reference:</b>	KB=16' @ 4783.0ft (Original Well Elev)
<b>Reference Site:</b>	SEC 2-T8S-R20E	<b>MD Reference:</b>	KB=16' @ 4783.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Three Rivers #2-25-820	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	DD	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	Plan #1
<b>Filter type:</b>	GLOBAL FILTER APPLIED: All wellpaths within 200'+ 100/1000 of reference
<b>Interpolation Method:</b>	MD Interval 100.0ft
<b>Depth Range:</b>	Unlimited
<b>Results Limited by:</b>	Maximum center-center distance of 1,066.8ft
<b>Warning Levels Evaluated at:</b>	2.00 Sigma
<b>Error Model:</b>	ISCWSA
<b>Scan Method:</b>	Closest Approach 3D
<b>Error Surface:</b>	Elliptical Conic

<b>Survey Tool Program</b>	<b>Date</b>	5/9/2012
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>
0.0	8,667.5	Plan #1 (DD)
		<b>Tool Name</b>
		MWD
		<b>Description</b>
		Geolink MWD

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEC 2-T8S-R20E						
Three Rivers #2-15-820 - DD - Plan #1	1,000.0	1,000.0	15.7	12.2	4.559	CC, ES, SF

# Cathedral Energy Services

## Anticollision Report

<b>Company:</b>	Axia Energy	<b>Local Co-ordinate Reference:</b>	Well Three Rivers #2-25-820
<b>Project:</b>	Uintah County, UT	<b>TVD Reference:</b>	KB=16' @ 4783.0ft (Original Well Elev)
<b>Reference Site:</b>	SEC 2-T8S-R20E	<b>MD Reference:</b>	KB=16' @ 4783.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Three Rivers #2-25-820	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	DD	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 2-T8S-R20E - Three Rivers #2-15-820 - DD - Plan #1														Offset Site Error:	0.0 ft
Survey Program: O-MWD														Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning		
0.0	0.0	0.0	0.0	0.0	0.0	-89.97	0.0	-15.7	15.7						
100.0	100.0	100.0	100.0	0.1	0.1	-89.97	0.0	-15.7	15.7	15.4	0.29	53.401			
200.0	200.0	200.0	200.0	0.3	0.3	-89.97	0.0	-15.7	15.7	15.0	0.64	24.379			
300.0	300.0	300.0	300.0	0.5	0.5	-89.97	0.0	-15.7	15.7	14.7	0.99	15.795			
400.0	400.0	400.0	400.0	0.7	0.7	-89.97	0.0	-15.7	15.7	14.3	1.34	11.681			
500.0	500.0	500.0	500.0	0.8	0.8	-89.97	0.0	-15.7	15.7	14.0	1.69	9.268			
600.0	600.0	600.0	600.0	1.0	1.0	-89.97	0.0	-15.7	15.7	13.6	2.04	7.681			
700.0	700.0	700.0	700.0	1.2	1.2	-89.97	0.0	-15.7	15.7	13.3	2.39	6.558			
800.0	800.0	800.0	800.0	1.4	1.4	-89.97	0.0	-15.7	15.7	12.9	2.74	5.721			
900.0	900.0	900.0	900.0	1.5	1.5	-89.97	0.0	-15.7	15.7	12.6	3.09	5.074			
1,000.0	1,000.0	1,000.0	1,000.0	1.7	1.7	-89.97	0.0	-15.7	15.7	12.2	3.43	4.559 CC, ES, SF			
1,100.0	1,100.0	1,099.3	1,099.3	1.9	1.9	-179.27	0.0	-17.4	19.1	15.4	3.78	5.061			
1,200.0	1,199.8	1,198.0	1,197.8	2.1	2.1	-179.51	-0.1	-22.5	29.5	25.4	4.12	7.166			
1,300.0	1,299.5	1,295.2	1,294.6	2.3	2.3	-179.67	-0.2	-30.8	46.8	42.3	4.46	10.498			
1,400.0	1,398.7	1,390.3	1,389.1	2.5	2.5	-179.76	-0.3	-42.2	70.7	66.0	4.78	14.790			
1,500.0	1,497.5	1,482.8	1,480.5	2.7	2.7	-179.82	-0.5	-56.2	101.1	96.0	5.10	19.802			
1,600.0	1,596.1	1,576.8	1,573.1	3.0	3.0	-179.85	-0.7	-72.4	134.1	128.7	5.44	24.662			
1,700.0	1,694.8	1,671.1	1,666.1	3.3	3.2	-179.87	-1.0	-88.6	167.2	161.4	5.77	28.959			
1,800.0	1,793.4	1,765.5	1,759.0	3.6	3.5	-179.89	-1.2	-104.8	200.3	194.2	6.11	32.786			
1,900.0	1,892.1	1,859.9	1,852.0	3.9	3.8	-179.90	-1.4	-121.0	233.4	227.0	6.44	36.214			
2,000.0	1,990.7	1,954.2	1,945.0	4.2	4.1	-179.90	-1.6	-137.2	266.5	259.7	6.78	39.305			
2,100.0	2,089.4	2,048.6	2,037.9	4.5	4.4	-179.91	-1.8	-153.4	299.6	292.5	7.12	42.104			
2,200.0	2,188.0	2,143.0	2,130.9	4.8	4.7	-179.91	-2.0	-169.6	332.7	325.2	7.45	44.653			
2,300.0	2,286.7	2,237.3	2,223.9	5.1	5.0	-179.92	-2.3	-185.8	365.8	358.0	7.79	46.982			
2,400.0	2,385.3	2,331.7	2,316.8	5.4	5.3	-179.92	-2.5	-202.0	398.8	390.7	8.12	49.120			
2,500.0	2,484.0	2,426.1	2,409.8	5.8	5.6	-179.92	-2.7	-218.2	431.9	423.5	8.45	51.089			
2,600.0	2,582.6	2,520.4	2,502.8	6.1	5.9	-179.93	-2.9	-234.4	465.0	456.2	8.79	52.907			
2,700.0	2,681.3	2,614.8	2,595.7	6.4	6.3	-179.93	-3.1	-250.6	498.1	489.0	9.12	54.593			
2,800.0	2,779.9	2,709.2	2,688.7	6.7	6.6	-179.93	-3.3	-266.8	531.2	521.8	9.46	56.160			
2,900.0	2,878.5	2,803.5	2,781.7	7.1	6.9	-179.93	-3.5	-283.0	564.3	554.5	9.79	57.619			
3,000.0	2,977.2	2,897.9	2,874.6	7.4	7.2	-179.93	-3.8	-299.2	597.4	587.3	10.13	58.983			
3,100.0	3,075.8	2,992.3	2,967.6	7.7	7.5	-179.93	-4.0	-315.4	630.5	620.0	10.46	60.259			
3,200.0	3,174.5	3,086.6	3,060.5	8.1	7.9	-179.93	-4.2	-331.6	663.6	652.8	10.80	61.457			
3,300.0	3,273.1	3,181.0	3,153.5	8.4	8.2	-179.94	-4.4	-347.8	696.7	685.5	11.13	62.582			
3,400.0	3,371.8	3,275.4	3,246.5	8.7	8.5	-179.94	-4.6	-364.0	729.7	718.3	11.47	63.642			
3,500.0	3,470.4	3,369.7	3,339.4	9.0	8.8	-179.94	-4.8	-380.2	762.8	751.0	11.80	64.642			
3,600.0	3,569.1	3,464.2	3,432.5	9.4	9.1	-179.94	-5.1	-396.4	795.7	783.5	12.15	65.472			
3,700.0	3,668.2	3,567.1	3,533.9	9.6	9.5	-179.94	-5.3	-413.9	825.7	813.2	12.54	65.844			
3,800.0	3,767.7	3,704.4	3,669.9	9.9	9.9	-179.94	-5.5	-433.0	849.3	836.3	12.98	65.434			
3,900.0	3,867.5	3,845.4	3,810.2	10.0	10.2	-179.94	-5.7	-445.8	864.7	851.3	13.42	64.444			
4,000.0	3,967.5	3,988.5	3,953.2	10.2	10.4	-179.94	-5.8	-451.7	871.7	857.9	13.85	62.932			
4,100.0	4,067.5	4,102.8	4,067.5	10.3	10.5	-90.79	-5.8	-452.1	872.2	857.9	14.23	61.303			
4,200.0	4,167.5	4,202.8	4,167.5	10.4	10.6	-90.79	-5.8	-452.1	872.2	857.6	14.58	59.832			
4,300.0	4,267.5	4,302.8	4,267.5	10.5	10.8	-90.79	-5.8	-452.1	872.2	857.2	14.93	58.429			
4,400.0	4,367.5	4,402.8	4,367.5	10.7	10.9	-90.79	-5.8	-452.1	872.2	856.9	15.28	57.092			
4,500.0	4,467.5	4,502.8	4,467.5	10.8	11.0	-90.79	-5.8	-452.1	872.2	856.5	15.63	55.814			
4,600.0	4,567.5	4,602.8	4,567.5	10.9	11.1	-90.79	-5.8	-452.1	872.2	856.2	15.98	54.592			
4,700.0	4,667.5	4,702.8	4,667.5	11.0	11.3	-90.79	-5.8	-452.1	872.2	855.8	16.33	53.423			
4,800.0	4,767.5	4,802.8	4,767.5	11.2	11.4	-90.79	-5.8	-452.1	872.2	855.5	16.68	52.302			
4,900.0	4,867.5	4,902.8	4,867.5	11.3	11.5	-90.79	-5.8	-452.1	872.2	855.1	17.03	51.228			
5,000.0	4,967.5	5,002.8	4,967.5	11.4	11.6	-90.79	-5.8	-452.1	872.2	854.8	17.37	50.197			
5,100.0	5,067.5	5,102.8	5,067.5	11.6	11.8	-90.79	-5.8	-452.1	872.2	854.4	17.72	49.207			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Cathedral Energy Services

## Anticollision Report

<b>Company:</b>	Axia Energy	<b>Local Co-ordinate Reference:</b>	Well Three Rivers #2-25-820
<b>Project:</b>	Uintah County, UT	<b>TVD Reference:</b>	KB=16' @ 4783.0ft (Original Well Elev)
<b>Reference Site:</b>	SEC 2-T8S-R20E	<b>MD Reference:</b>	KB=16' @ 4783.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Three Rivers #2-25-820	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	DD	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 2-T8S-R20E - Three Rivers #2-15-820 - DD - Plan #1													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Total Uncertainty Axis	Separation Factor	Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
5,200.0	5,167.5	5,202.8	5,167.5	11.7	11.9	-90.79	-5.8	-452.1	872.2	854.1	18.07	48.255		
5,300.0	5,267.5	5,302.8	5,267.5	11.8	12.0	-90.79	-5.8	-452.1	872.2	853.7	18.42	47.340		
5,400.0	5,367.5	5,402.8	5,367.5	12.0	12.2	-90.79	-5.8	-452.1	872.2	853.4	18.77	46.458		
5,500.0	5,467.5	5,502.8	5,467.5	12.1	12.3	-90.79	-5.8	-452.1	872.2	853.0	19.12	45.609		
5,600.0	5,567.5	5,602.8	5,567.5	12.3	12.4	-90.79	-5.8	-452.1	872.2	852.7	19.47	44.791		
5,700.0	5,667.5	5,702.8	5,667.5	12.4	12.6	-90.79	-5.8	-452.1	872.2	852.3	19.82	44.001		
5,800.0	5,767.5	5,802.8	5,767.5	12.5	12.7	-90.79	-5.8	-452.1	872.2	852.0	20.17	43.238		
5,900.0	5,867.5	5,902.8	5,867.5	12.7	12.9	-90.79	-5.8	-452.1	872.2	851.7	20.52	42.502		
6,000.0	5,967.5	6,002.8	5,967.5	12.8	13.0	-90.79	-5.8	-452.1	872.2	851.3	20.87	41.790		
6,100.0	6,067.5	6,102.8	6,067.5	13.0	13.1	-90.79	-5.8	-452.1	872.2	851.0	21.22	41.102		
6,200.0	6,167.5	6,202.8	6,167.5	13.1	13.3	-90.79	-5.8	-452.1	872.2	850.6	21.57	40.436		
6,300.0	6,267.5	6,302.8	6,267.5	13.2	13.4	-90.79	-5.8	-452.1	872.2	850.3	21.92	39.792		
6,400.0	6,367.5	6,402.8	6,367.5	13.4	13.6	-90.79	-5.8	-452.1	872.2	849.9	22.27	39.167		
6,500.0	6,467.5	6,502.8	6,467.5	13.5	13.7	-90.79	-5.8	-452.1	872.2	849.6	22.62	38.562		
6,600.0	6,567.5	6,602.8	6,567.5	13.7	13.9	-90.79	-5.8	-452.1	872.2	849.2	22.97	37.976		
6,700.0	6,667.5	6,702.8	6,667.5	13.8	14.0	-90.79	-5.8	-452.1	872.2	848.9	23.32	37.407		
6,800.0	6,767.5	6,802.8	6,767.5	14.0	14.1	-90.79	-5.8	-452.1	872.2	848.5	23.67	36.854		
6,900.0	6,867.5	6,902.8	6,867.5	14.1	14.3	-90.79	-5.8	-452.1	872.2	848.2	24.01	36.318		
7,000.0	6,967.5	7,002.8	6,967.5	14.3	14.4	-90.79	-5.8	-452.1	872.2	847.8	24.36	35.797		
7,100.0	7,067.5	7,102.8	7,067.5	14.4	14.6	-90.79	-5.8	-452.1	872.2	847.5	24.71	35.291		
7,200.0	7,167.5	7,202.8	7,167.5	14.6	14.7	-90.79	-5.8	-452.1	872.2	847.1	25.06	34.800		
7,300.0	7,267.5	7,302.8	7,267.5	14.7	14.9	-90.79	-5.8	-452.1	872.2	846.8	25.41	34.321		
7,400.0	7,367.5	7,402.8	7,367.5	14.9	15.0	-90.79	-5.8	-452.1	872.2	846.4	25.76	33.856		
7,500.0	7,467.5	7,502.8	7,467.5	15.0	15.2	-90.79	-5.8	-452.1	872.2	846.1	26.11	33.403		
7,600.0	7,567.5	7,602.8	7,567.5	15.2	15.3	-90.79	-5.8	-452.1	872.2	845.7	26.46	32.962		
7,700.0	7,667.5	7,702.8	7,667.5	15.3	15.5	-90.79	-5.8	-452.1	872.2	845.4	26.81	32.532		
7,800.0	7,767.5	7,802.8	7,767.5	15.5	15.6	-90.79	-5.8	-452.1	872.2	845.0	27.16	32.114		
7,900.0	7,867.5	7,902.8	7,867.5	15.6	15.8	-90.79	-5.8	-452.1	872.2	844.7	27.51	31.706		
8,000.0	7,967.5	8,002.8	7,967.5	15.8	15.9	-90.79	-5.8	-452.1	872.2	844.3	27.86	31.309		
8,100.0	8,067.5	8,102.8	8,067.5	15.9	16.1	-90.79	-5.8	-452.1	872.2	844.0	28.21	30.921		
8,200.0	8,167.5	8,202.8	8,167.5	16.1	16.2	-90.79	-5.8	-452.1	872.2	843.6	28.56	30.543		
8,300.0	8,267.5	8,302.8	8,267.5	16.3	16.4	-90.79	-5.8	-452.1	872.2	843.3	28.90	30.174		
8,400.0	8,367.5	8,402.8	8,367.5	16.4	16.6	-90.79	-5.8	-452.1	872.2	842.9	29.25	29.814		
8,500.0	8,467.5	8,502.8	8,467.5	16.6	16.7	-90.79	-5.8	-452.1	872.2	842.6	29.60	29.462		
8,600.0	8,567.5	8,602.8	8,567.5	16.7	16.9	-90.79	-5.8	-452.1	872.2	842.2	29.95	29.118		
8,667.5	8,635.0	8,670.3	8,635.0	16.8	17.0	-90.79	-5.8	-452.1	872.2	842.0	30.19	28.891		



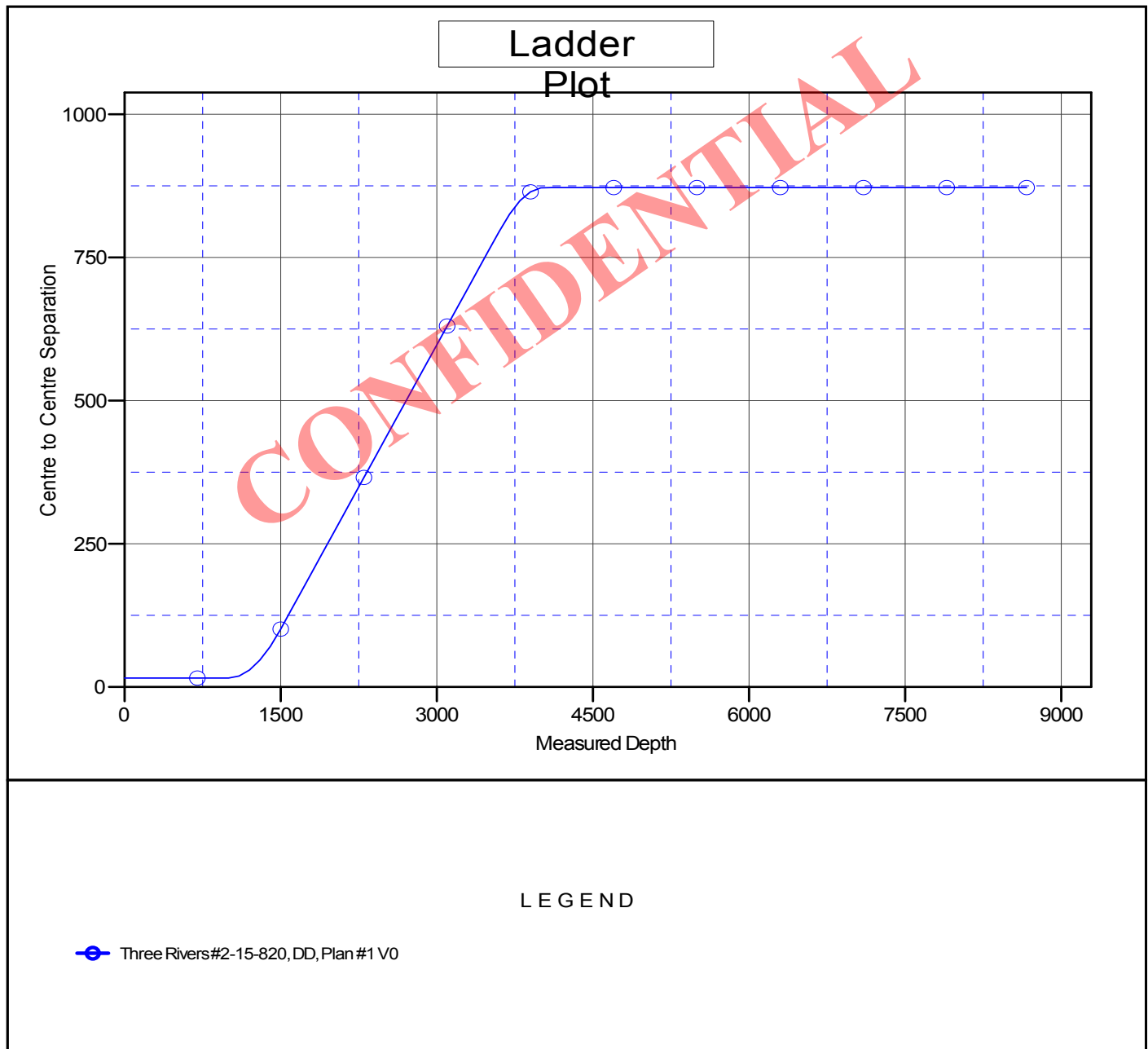
## Cathedral Energy Services

## Anticollision Report

<b>Company:</b>	Axia Energy	<b>Local Co-ordinate Reference:</b>	Well Three Rivers #2-25-820
<b>Project:</b>	Uintah County, UT	<b>TVD Reference:</b>	KB=16' @ 4783.0ft (Original Well Elev)
<b>Reference Site:</b>	SEC 2-T8S-R20E	<b>MD Reference:</b>	KB=16' @ 4783.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Three Rivers #2-25-820	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	DD	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to KB=16' @ 4783.0ft (Original Well Elev)  
Offset Depths are relative to Offset Datum  
Central Meridian is -111.500000 °

Coordinates are relative to: Three Rivers #2-25-820  
Coordinate System is US State Plane 1983, Utah Northern Zone  
Grid Convergence at Surface is: 1.23°



# BOP Equipment

3000psi WP

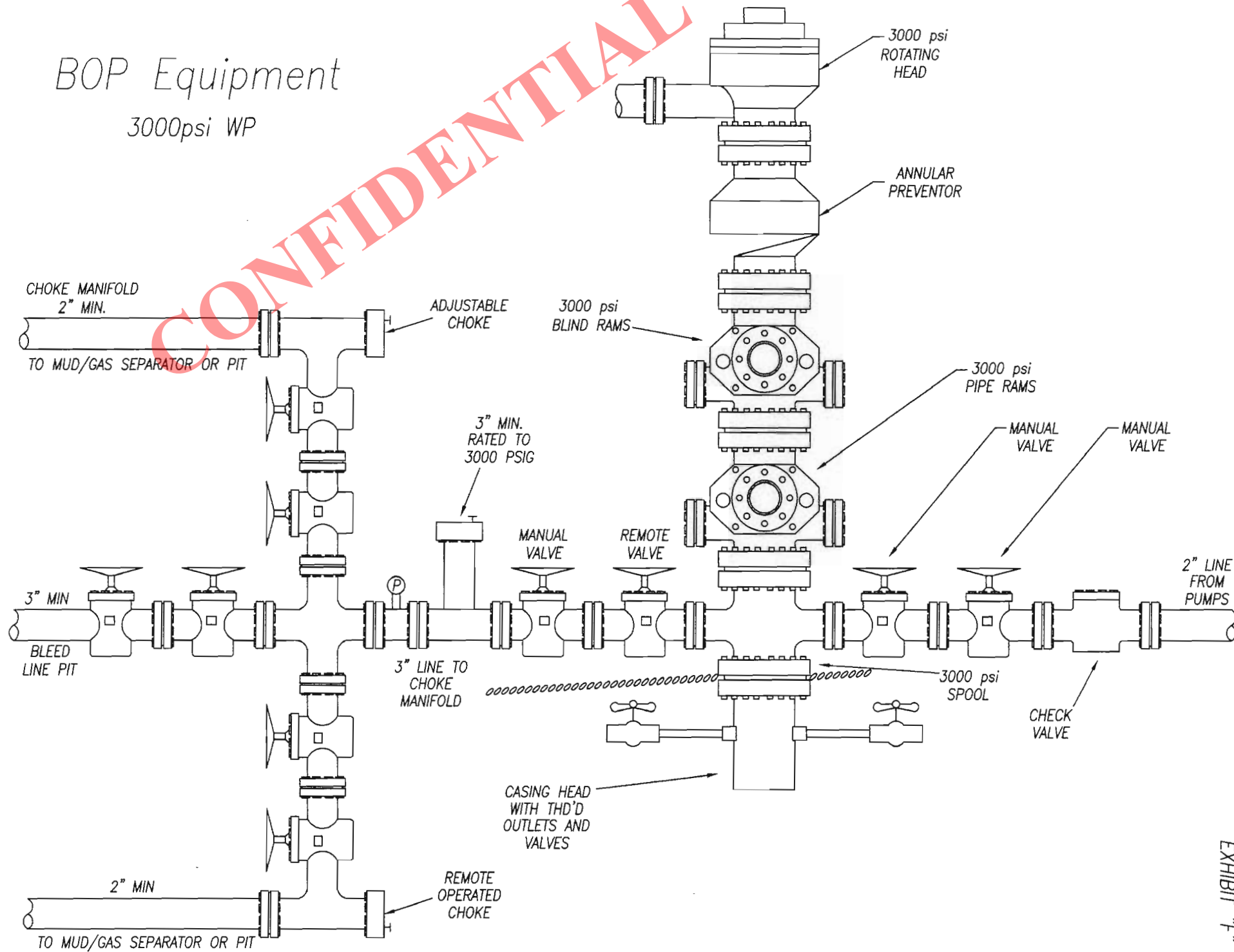


EXHIBIT "F"



2580 Creekview Road  
Moab, Utah 84532  
435/719-2018

May 16, 2012

Mrs. Diana Mason  
State of Utah  
Division of Oil Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Request for Exception to Spacing – Axia Energy, LLC – **Three Rivers 2-25-820**  
*Surface Location:* 528' FSL & 912' FWL, SW/4 SW/4, Section 2, T8S, R20E, SLB&M  
*Target Location:* 528' FSL & 1332' FWL, SE/4 SW/4, Section 2, T8S, R20E, SLB&M  
Uintah County, Utah

Dear Diana:

Axia Energy, LLC respectfully submits this request for exception to spacing (R649-3-11) based on geology since the well is located less than 460 feet to the drilling unit boundary. Axia Energy, LLC is the only owner and operator within 460 feet of the surface and target location as well as all points along the intended well bore path and are not within 460 feet of any uncommitted tracts or a unit boundary.

Thank you very much for your timely consideration of this application. Please feel free to contact Jess A. Peonio of Axia Energy, LLC at 720-746-5212 or myself should you have any questions or need additional information.

Sincerely,

  
Don Hamilton  
Agent for Axia Energy, LLC

cc: Jess A. Peonio, Axia Energy, LLC

RECEIVED: May 16, 2012

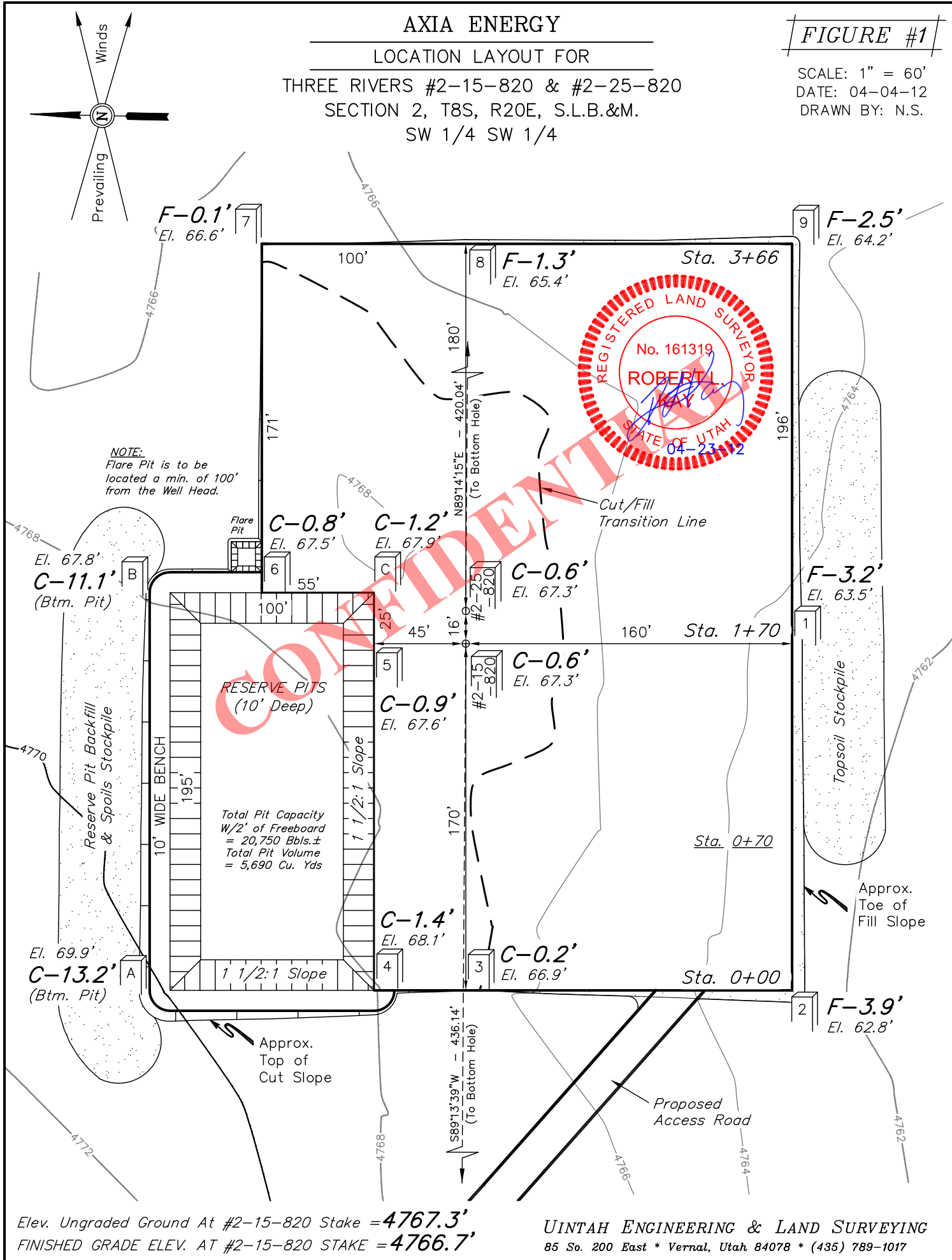
## AXIA ENERGY

## LOCATION LAYOUT FOR

THREE RIVERS #2-15-820 & #2-25-820  
SECTION 2, T8S, R20E, S.L.B.&M.  
SW 1/4 SW 1/4

FIGURE #1

SCALE: 1" = 60'  
DATE: 04-04-12  
DRAWN BY: N.S.



RECEIVED: May 16, 2012

## AXIA ENERGY

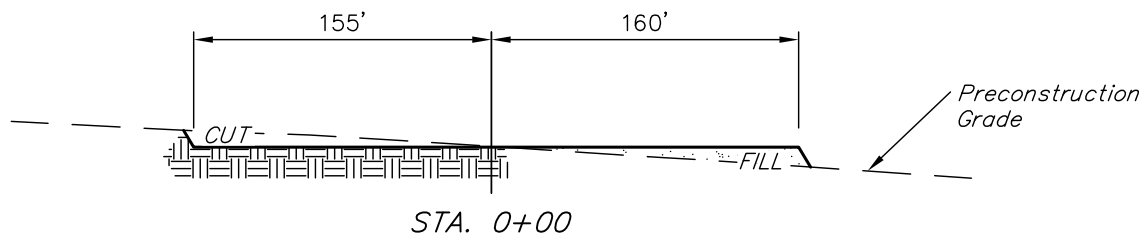
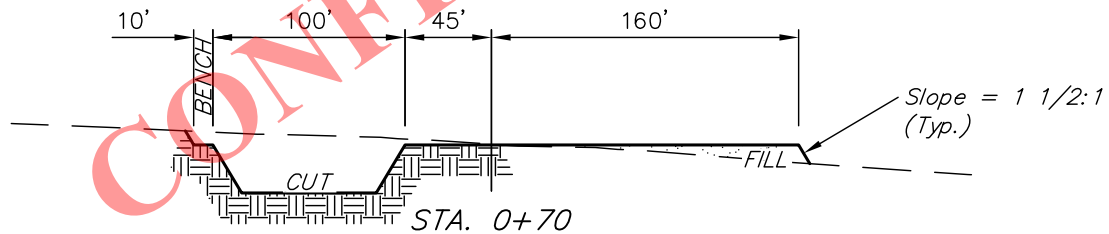
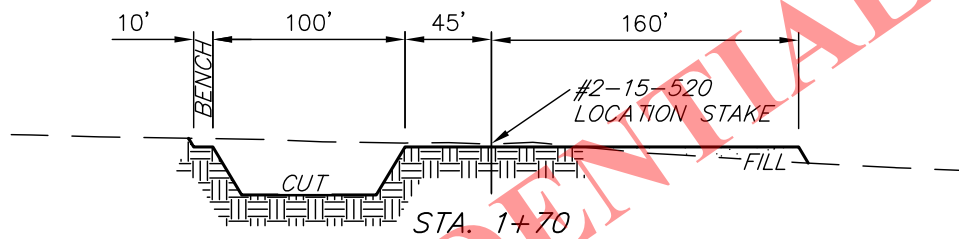
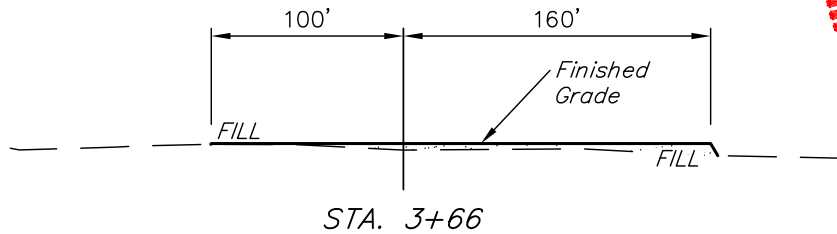
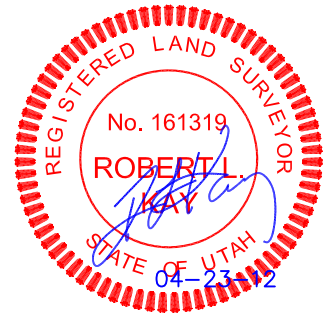
## TYPICAL CROSS SECTIONS FOR

THREE RIVERS #2-15-820 & #2-25-820  
SECTION 2, T8S, R20E, S.L.B.&M.  
SW 1/4 SW 1/4

FIGURE #2

X-Section  
Scale  
1" = 100'

DATE: 04-04-12  
DRAWN BY: N.S.



## NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

## APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 4.154 ACRES  
ACCESS ROAD DISTURBANCE = ± 3.517 ACRES  
PIPELINE DISTURBANCE = ± 3.481 ACRES  
POWER LINE DISTURBANCE = ± 3.574 ACRES  
TOTAL = ± 14.726 ACRES

\* NOTE:  
FILL QUANTITY INCLUDES 5% FOR COMPACTION

## APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,070 Cu. Yds.  
Remaining Location = 7,150 Cu. Yds.  
TOTAL CUT = 9,220 CU.YDS.  
FILL = 4,300 CU.YDS.

EXCESS MATERIAL = 4,920 Cu. Yds.  
Topsoil & Pit Backfill = 4,920 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

RECEIVED: May 16, 2012

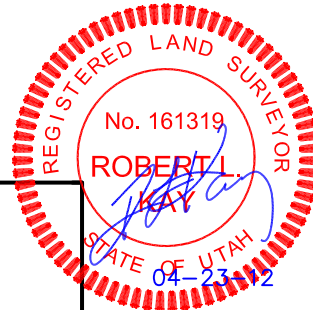
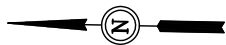
## AXIA ENERGY

## TYPICAL RIG LAYOUT FOR

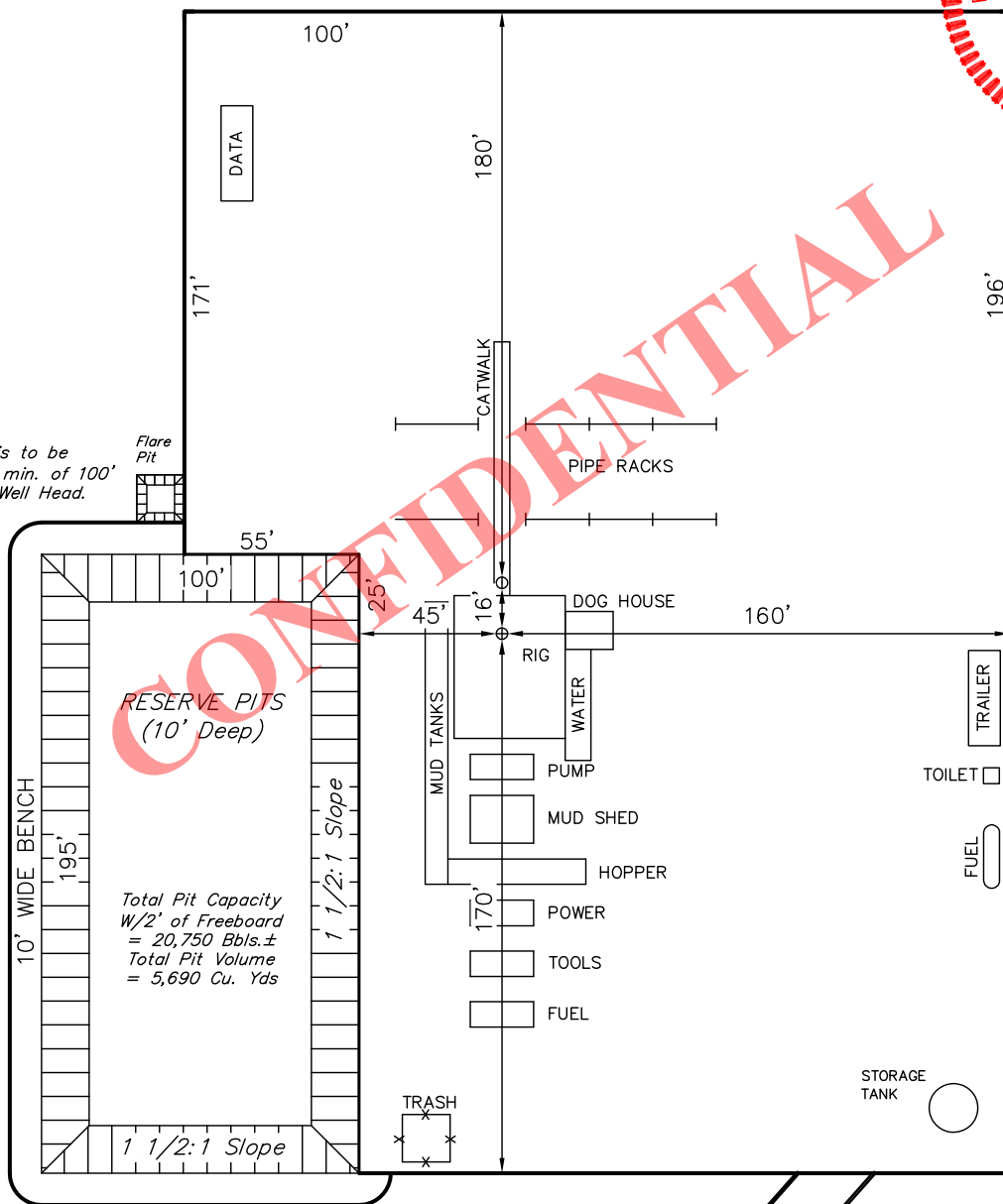
THREE RIVERS #2-15-820 & #2-25-820  
SECTION 2, T8S, R20E, S.L.B.&M.  
SW 1/4 SW 1/4

FIGURE #3

SCALE: 1" = 60'  
DATE: 04-04-12  
DRAWN BY: N.S.



NOTE:  
Flare Pit is to be  
located a min. of 100'  
from the Well Head.



## AXIA ENERGY

## INTERIM RECLAMATION PLAN FOR

THREE RIVERS #2-15-820 &amp; #2-25-820

SECTION 2, T8S, R20E, S.L.B.&amp;M.

SW 1/4 SW 1/4

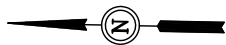
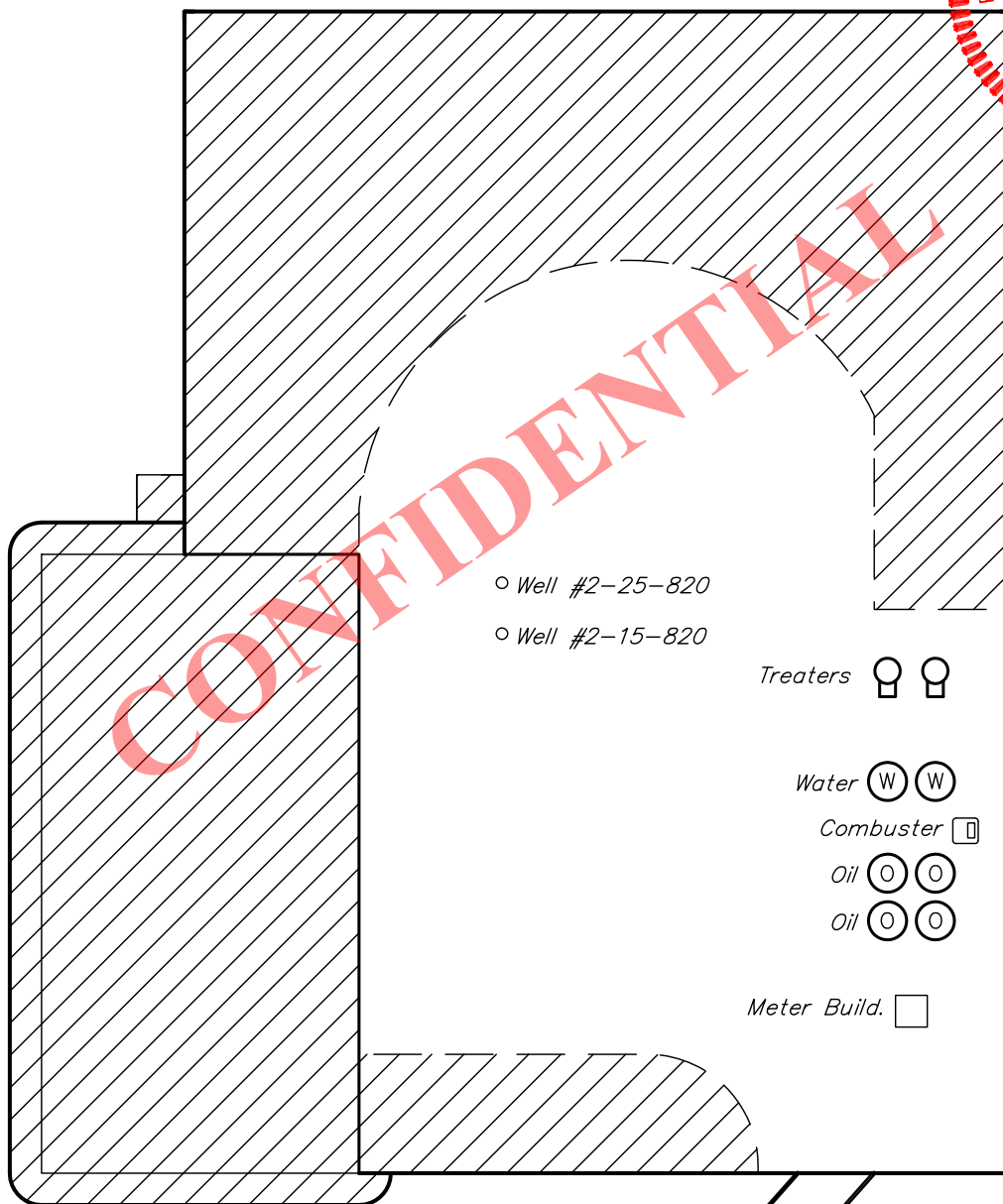
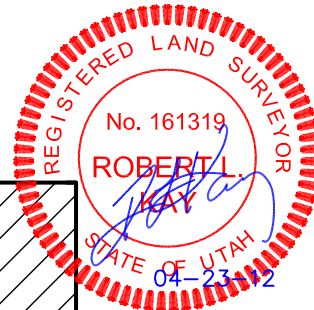


FIGURE #4

SCALE: 1" = 60'

DATE: 04-04-12

DRAWN BY: N.S.

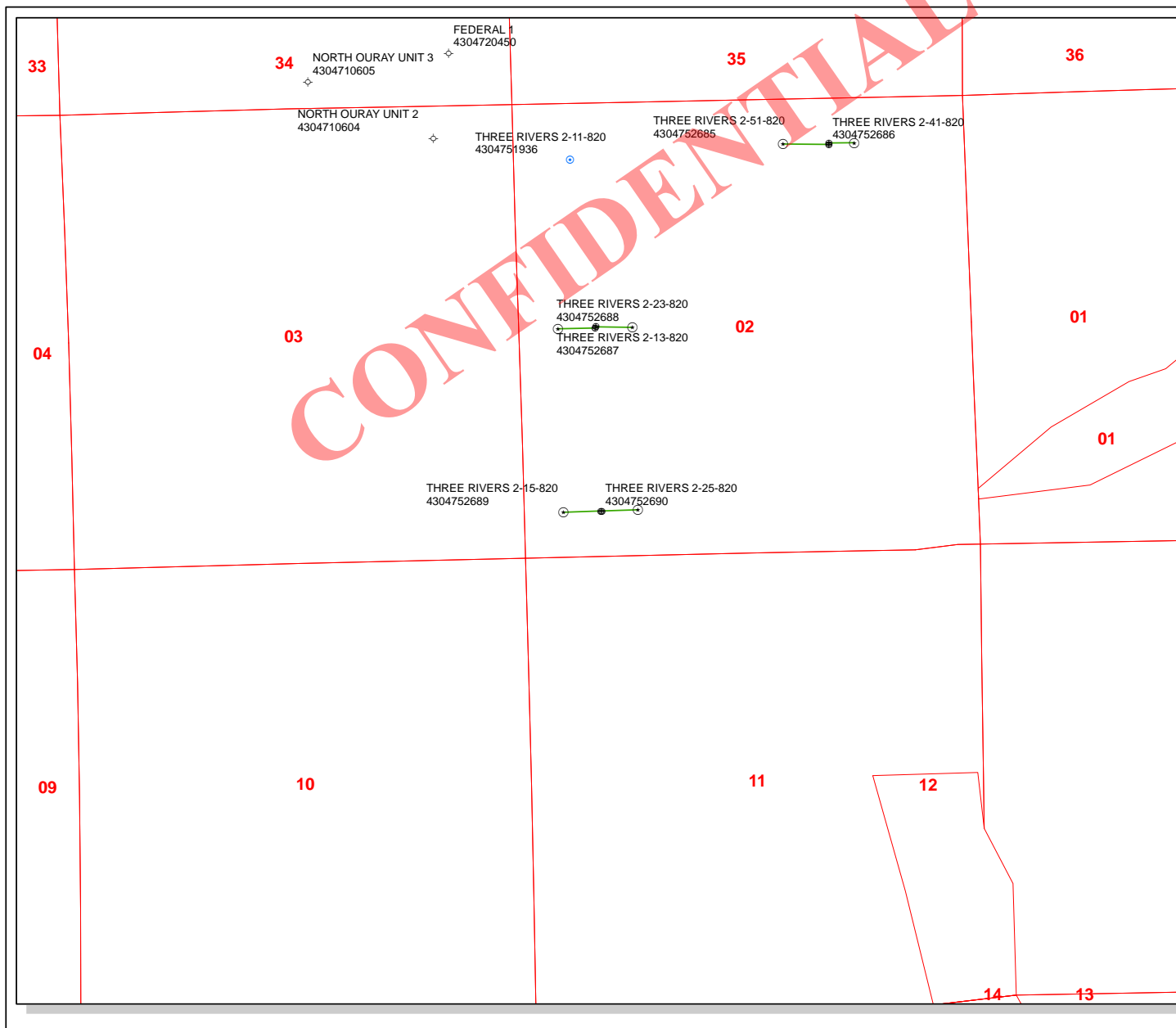


RECLAIMED AREA

APPROXIMATE ACREAGES  
UN-RECLAIMED =  $\pm 1.084$  ACRES

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

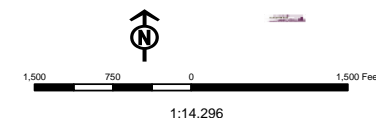
RECEIVED: May 16, 2012



**API Number: 4304752690**  
**Well Name: THREE RIVERS 2-25-820**  
**Township T0.8 . Range R2.0 . Section 02**  
**Meridian: SLBM**  
**Operator: AXIA ENERGY LLC**

Map Prepared:  
 Map Produced by Diana Mason

Units STATUS	Wells Query Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERM	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
<b>Fields STATUS</b>	SGW - Shut-in Gas Well
Unknown	SOW - Shut-in Oil Well
ABANDONED	TA - Temp. Abandoned
ACTIVE	TW - Test Well
COMBINED	WDW - Water Disposal
INACTIVE	WW - Water Injection Well
STORAGE	WSW - Water Supply Well
TERMINATED	





**From:** Jim Davis  
**To:** Hill, Brad; Mason, Diana  
**CC:** Bonner, Ed; Davis, Jim; Garrison, LaVonne; Jess Peonio <jpeonio@axiae...  
**Date:** 8/17/2012 9:44 AM  
**Subject:** APD approvals 10 for Axia

The following APDs have been approved by SITLA including arch clearance. The paleo reports made some fairly specific recommendations on these pads. I've summarized those recommendations here. Axia should know that all the recommendations in the paleo reports are now made conditions of SITLA's approval of these APDs. If there are any questions about what the recommendations mean, please contact me before construction.

THREE RIVERS 2-23-820 (4304752688)  
THREE RIVERS 2-13-820 (4304752687)  
Paleo condition: No recommendations unless Uintah Fm is impacted.

THREE RIVERS 2-41-820, (4304752686)  
THREE RIVERS 2-51-820, (4304752685)  
Paleo condition: Spot-check during pit const. Upgrade to full-time monitoring if bedrock is impacted.

THREE RIVERS 2-15-820, (4304752689)  
THREE RIVERS 2-25-820, (4304752690)  
Paleo condition: No recommendations unless Uintah Fm is impacted.

THREE RIVERS 36-31-720, (4304752697)  
THREE RIVERS 36-21-720, (4304752698)  
Paleo condition: Full-time monitoring during construction

THREE RIVERS 36-13-720, (4304752699)  
THREE RIVERS 36-23-720, (4304752733)  
Paleo condition: Spot check during construction. Upgrade to full-time monitoring if Duchesne River Fm is impacted.

Thanks.  
-Jim

Jim Davis  
Utah Trust Lands Administration  
jimdavis1@utah.gov  
Phone: (801) 538-5156

RECEIVED: August 17, 2012

Well Name	AXIA ENERGY LLC THREE RIVERS 2-25-820 43047526900000			
String	SURF	PROD		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	900	8635		
Previous Shoe Setting Depth (TVD)	0	900		
Max Mud Weight (ppg)	8.7	9.2		
BOPE Proposed (psi)	1000	3000		
Casing Internal Yield (psi)	3930	7740		
Operators Max Anticipated Pressure (psi)	3739	8.3		

Calculations	SURF String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	407	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	299	YES <input type="checkbox"/> spud mud
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	209	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	209	NO <input type="checkbox"/> OK
Required Casing/BOPE Test Pressure=		900	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

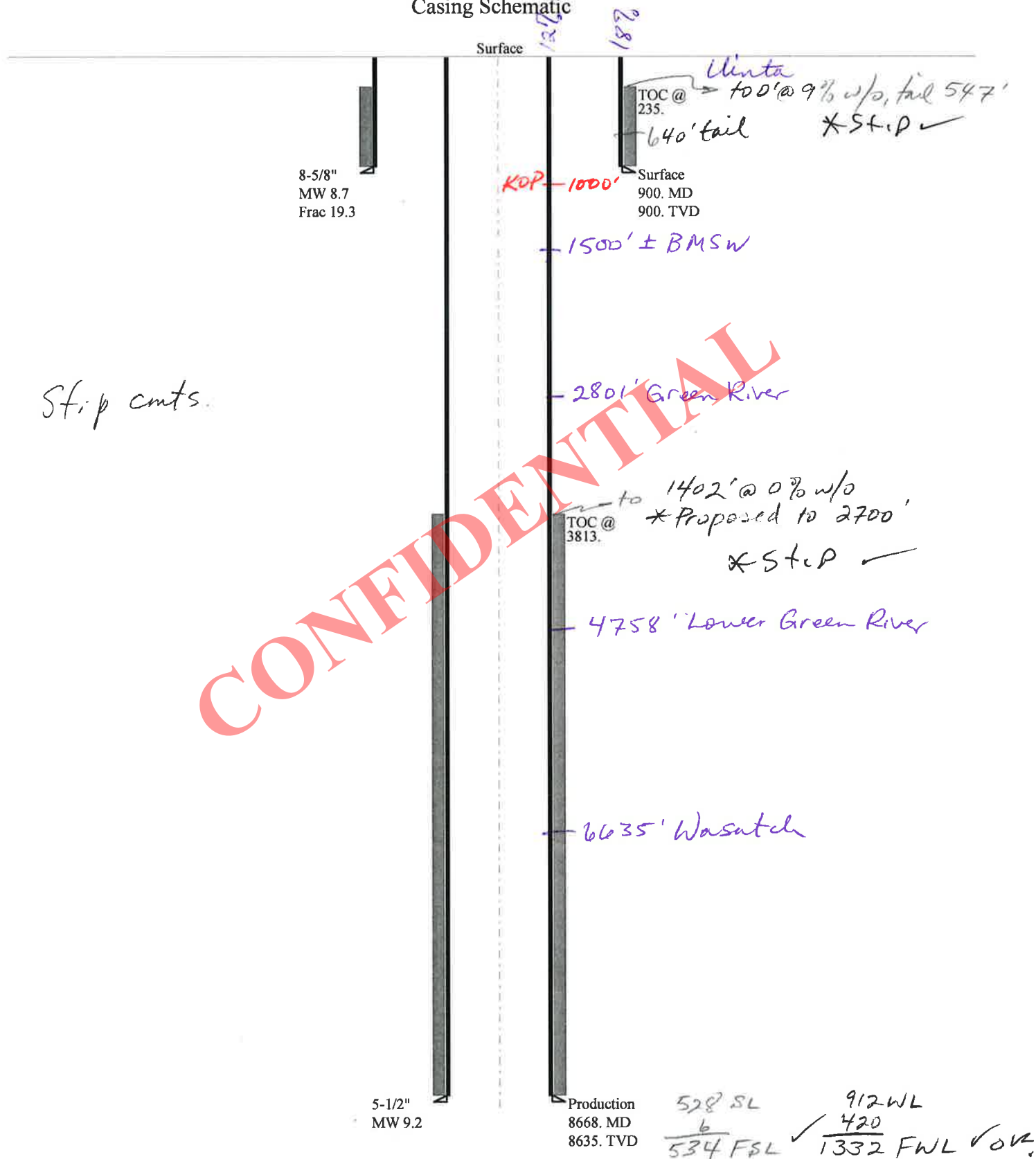
Calculations	PROD String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	4131	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3095	NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2231	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2429	NO <input type="checkbox"/> Reasonable
Required Casing/BOPE Test Pressure=		3000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		900	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

# 43047526900000 Three Rivers 2-25-820

## Casing Schematic



Stip cmts.

SE SW Sec 2-8S-20E

Well name:

**43047526900000 Three Rivers 2-25-820**Operator: **Axia Energy LLC**String type: **Surface**

Project ID:

**43-047-52690**Location: **UINTAH COUNTY****Design parameters:****Collapse**Mud weight: 8.700 ppg  
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 87 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: 235 ft

**Burst**Max anticipated surface pressure: 792 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 900 psi

No backup mud specified.

**Tension:**8 Round STC: 1.80 (J)  
8 Round LTC: 1.70 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on air weight.

Neutral point: 784 ft

**Non-directional string.****Re subsequent strings:**Next setting depth: 8,635 ft  
Next mud weight: 9.200 ppg  
Next setting BHP: 4,127 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 900 ft  
Injection pressure: 900 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	900	8.625	32.00	J-55	LT&C	900	900	7.875	7253
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	407	2530	6.220	900	3930	4.37	28.8	417	14.48 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & MiningPhone: 801 538-5357  
FAX: 801-359-3940Date: July 31, 2012  
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 900 ft, a mud weight of 8.7 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>43047526900000 Three Rivers 2-25-820</b>	
Operator:	<b>Axia Energy LLC</b>	Project ID:
String type:	Production	43-047-52690
Location:	UINTAH COUNTY	

**Design parameters:****Collapse**

Mud weight: 9.200 ppg  
Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 195 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: 3,813 ft

**Burst**

Max anticipated surface pressure: 2,227 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 4,127 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.60 (B)

Tension is based on air weight.  
Neutral point: 7,463 ft

**Directional Info - Build & Drop**

Kick-off point 1000 ft  
Departure at shoe: 420 ft  
Maximum dogleg: 2 °/100ft  
Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8668	5.5	17.00	N-80	LT&C	8635	8668	4.767	48856
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4127	6290	1.524	4127	7740	1.88	146.8	348	2.37 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Mining

Phone: 801 538-5357  
FAX: 801-359-3940

Date: July 31, 2012  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 8635 ft, a mud weight of 9.2 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

# **ON-SITE PREDRILL EVALUATION**

## **Utah Division of Oil, Gas and Mining**

**Operator** AXIA ENERGY LLC  
**Well Name** THREE RIVERS 2-25-820  
**API Number** 43047526900000 **APD No** 5955 **Field/Unit** WILDCAT  
**Location: 1/4,1/4** SWSW **Sec 2 Tw** 8.0S **Rng** 20.0E 528 FSL 912 FWL  
**GPS Coord (UTM)** 615694 4444862 **Surface Owner**

### **Participants**

Cody Rich (UELS), Dan Schaad (USF&W), Ben Williams (DWR), Don Hamilton (Starpoint), Jerry Holder (Axia), Jim Davis (SITLA), Richard Powell (DOGM)

### **Regional/Local Setting & Topography**

This location sits approximately 3 miles south east of Pelican Lake and approximately .8 mile west of the Green River. Ouray, Utah is approximately 4 miles to the south east. The land around this location drains west and north toward Pelican Lake. The immediate location slopes gently to the west.

### **Surface Use Plan**

**Current Surface Use**  
Wildlfe Habitat

<b>New Road Miles</b>	<b>Well Pad</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
1	<b>Width</b> 260 <b>Length</b> 366	Onsite	#####

**Ancillary Facilities** N

**Waste Management Plan Adequate?** Y

### **Environmental Parameters**

**Affected Floodplains and/or Wetlands** N

#### **Flora / Fauna**

Could support passing use by large grazing animals.  
Rabbit brush, various grasses, prickly pear

#### **Soil Type and Characteristics**

Sandy soil

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diverson Required?** N

**Berm Required?** N

**Erosion Sedimentation Control Required? N****Paleo Survey Run? Y    Paleo Potential Observed? N    Cultural Survey Run? Y    Cultural Resources? N****Reserve Pit**

<b>Site-Specific Factors</b>		<b>Site Ranking</b>
<b>Distance to Groundwater (feet)</b>	100 to 200	5
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>		20
<b>Native Soil Type</b>	High permeability	20
<b>Fluid Type</b>	TDS>5000 and	10
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>		0
<b>Affected Populations</b>		
<b>Presence Nearby Utility Conduits</b>	Not Present	0
<b>Final Score</b>		55    1 Sensitivity Level

**Characteristics / Requirements**

The reserve pit at proposed is 195' x 100' x 10' deep. A 20 mil liner will be used as discussed during the presite due to the permeable soil. The pit is placed in a cut stable position.

**Closed Loop Mud Required? N    Liner Required? Y    Liner Thickness 20    Pit Underlayment Required? Y****Other Observations / Comments**

This is a 2 well pad for the Three Rivers 2-15-820 and 2-25-820

Richard Powell  
**Evaluator**

6/13/2012  
**Date / Time**

# Application for Permit to Drill

## Statement of Basis

### Utah Division of Oil, Gas and Mining

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Owner</b>	<b>CBM</b>
5955	43047526900000	LOCKED	OW	S	No
<b>Operator</b>	AXIA ENERGY LLC		<b>Surface Owner-APD</b>		
<b>Well Name</b>	THREE RIVERS 2-25-820		<b>Unit</b>		
<b>Field</b>	WILDCAT		<b>Type of Work</b>	DRILL	
<b>Location</b>	SWSW 2 8S 20E S 528 FSL 912 FWL GPS Coord (UTM) 615691E 4444852N				

#### Geologic Statement of Basis

Axia proposes to set 900 feet of surface pipe, cemented to surface. The depth to the base of the moderately saline water at this location is estimated to be at approximately 1,500 feet. A search of Division of Water Rights records shows 9 water wells within a 10,000 foot radius of the center of Section 2. Wells in the area are listed for domestic use, irrigation, industrial, oil field use and stock watering. Depths of the wells ranges from 40 to 300 feet. Listed wells probably produce from the Uinta Formation. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought up to or above the base of the moderately saline ground water in order to isolate it from fresher waters uphole.

Brad Hill  
APD Evaluator

7/11/2012  
Date / Time

#### Surface Statement of Basis

This well is on SITLA owned surface but with a lease agreement with the US Fish and Wildlife Service which places the land under wildlife refuge management. SITLA land owner representative Jim Davis and USFW representative Dan Schaad were both in attendance of this onsite inspection and both representatives stated that they were satisfied with the placement of this well and had no particular concerns with the location.

The well sits on very permeable sandy soil and use of a 20 mil liner was agreed to. Paint color of tanks, and production equipment was discussed and Mr. Jerry Holder of Axia agreed to make sure all paint colors matched and the color Covert Green which is a common oil field equipment paint finish was agreed to.

Richard Powell  
Onsite Evaluator

6/13/2012  
Date / Time

#### Conditions of Approval / Application for Permit to Drill

<b>Category</b>	<b>Condition</b>
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.



## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/16/2012

API NO. ASSIGNED: 43047526900000

WELL NAME: THREE RIVERS 2-25-820

OPERATOR: AXIA ENERGY LLC (N3765)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: SWSW 02 080S 200E

Permit Tech Review: ☒

SURFACE: 0528 FSL 0912 FWL

Engineering Review: ☒

BOTTOM: 0528 FSL 1332 FWL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.14605

LONGITUDE: -109.64179

UTM SURF EASTINGS: 615691.00

NORTHINGS: 4444852.00

FIELD NAME: WILDCAT

LEASE TYPE: 3 - State

LEASE NUMBER: ML-49318

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 3 - State

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: STATE - LPM9046682☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: 49-2262 - RNI at Green River☒ RDCC Review: 2012-08-21 00:00:00.0☐ Fee Surface Agreement☐ Intent to Commingle

Commingle Approved

## LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☒ R649-3-3. Exception☒ Drilling Unit

Board Cause No: R649-3-11

Effective Date:

Siting:

☒ R649-3-11. Directional Drill

Comments: Presite Completed

## Stipulations:

- 1 - Exception Location - bhill
- 5 - Statement of Basis - bhill
- 10 - Cement Ground Water - ddoucet
- 15 - Directional - dmason
- 21 - RDCC - dmason
- 23 - Spacing - dmason
- 25 - Surface Casing - hmacdonald

RECEIVED: August 27, 2012



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## Permit To Drill

\*\*\*\*\*

**Well Name:** THREE RIVERS 2-25-820

**API Well Number:** 43047526900000

**Lease Number:** ML-49318

**Surface Owner:** STATE

**Approval Date:** 8/27/2012

### Issued to:

AXIA ENERGY LLC, 1430 Larimer Ste 400, Denver, CO 80202

### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-11. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### Conditions of Approval:

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and

Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

The 5 ½" casing string cement shall be brought back to 900' to isolate base of moderately saline ground water.

Surface casing shall be cemented to the surface.

**Additional Approvals:**

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

**Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

**Contact Information:**

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office  
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office  
801-231-8956 - after office hours

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

**Approved By:**

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49318
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: THREE RIVERS 2-25-820	
2. NAME OF OPERATOR: AXIA ENERGY LLC	9. API NUMBER: 43047526900000	
3. ADDRESS OF OPERATOR: 1430 Larimer Ste 400 , Denver, CO, 80202	PHONE NUMBER: 720 746-5200 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0528 FSL 0912 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 02 Township: 08.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>2/15/2014</b>	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Axia Energy LLC respectfully requests a one year extension of the state drilling permit for the referenced well. This is the first extension that has been requested.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: August 15, 2013

By: 

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent (Buys & Associates, Inc)
SIGNATURE N/A		DATE 8/15/2013

RECEIVED: Aug. 15, 2013



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047526900000**

API: 43047526900000

Well Name: THREE RIVERS 2-25-820

Location: 0528 FSL 0912 FWL QTR SWSW SEC 02 TWP 080S RNG 200E MER S

Company Permit Issued to: AXIA ENERGY LLC

Date Original Permit Issued: 8/27/2012

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Don Hamilton

Date: 8/15/2013

Title: Permitting Agent (Buys & Associates, Inc) Representing: AXIA ENERGY LLC

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**Request to Transfer Application or Permit to Drill**

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	See Attached List
API number:	
Location:	Qtr-Qtr:                      Section:                      Township:                      Range:
Company that filed original application:	Don Hamilton - Star Point Enterprises for Axia Energy, LLC
Date original permit was issued:	
Company that permit was issued to:	Axia Energy, LLC

Check one	Desired Action:
	<b>Transfer pending (unapproved) Application for Permit to Drill to new operator</b>
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
✓	<b>Transfer approved Application for Permit to Drill to new operator</b>
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		✓
If so, has the surface agreement been updated?		✓
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. _____		✓

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Mary Sharon Balakas

Title Attorney in Fact

Signature Mary Sharon Balakas

Date 12/11/13

Representing (company name) Ultra Resources

RECEIVED  
DEC 16 2013  
DIV. OF OIL, GAS & MINING

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
 CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**10/1/2013**

<b>FROM:</b> (Old Operator): N3765-Axia Energy, LLC 1430 Larimer Street, Suite 400 Denver, CO 80202  Phone: 1 (720) 746-5200	<b>TO:</b> (New Operator): N4045-Ultra Resources, Inc. 304 Inverness Way South, Suite 295 Englewood, CO 80112  Phone: 1 (303) 645-9810
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CA No.				Unit:	N/A			
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/16/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 12/16/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/14/2014
- a. Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 8861713-0143
- 5a. (R649-9-2) Waste Management Plan has been received on: N/A
- 5b. Inspections of LA PA state/fee well sites complete on: N/A
- 5c. Reports current for Production/Disposition & Sundries on: 1/14/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 1/14/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 1/14/2014
- Bond information entered in RBDMS on: 1/14/2014
- Fee/State wells attached to bond in RBDMS on: 1/14/2014
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 1/14/2014
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: Yes

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: 22046400
- Indian well(s) covered by Bond Number: 22046400
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 22046398
- 3b. The **FORMER** operator has requested a release of liability from their bond on: Not Yet

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/14/2014

**COMMENTS:**

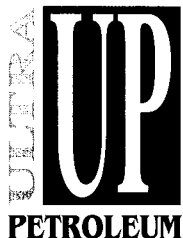


## Axia Energy, LLC (N3765) to Ultra Resources, Inc. (N4045) Effective 10/1/2013

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Well Type	Well Status
THREE RIVERS 2-41-820	2	080S	200E	4304752686		State	OW	APD
THREE RIVERS 2-25-820	2	080S	200E	4304752690		State	OW	APD
THREE RIVERS 36-21-720	36	070S	200E	4304752698		State	OW	APD
THREE RIVERS 36-13-720	36	070S	200E	4304752699		State	OW	APD
THREE RIVERS FEDERAL 3-54-820	3	080S	200E	4304752860		Federal	OW	APD
THREE RIVERS FEDERAL 3-33-820	3	080S	200E	4304752864		Federal	OW	APD
THREE RIVERS FED 35-34-720	35	070S	200E	4304753006		Federal	OW	APD
THREE RIVERS FED 35-42-720	35	070S	200E	4304753007		Federal	OW	APD
THREE RIVERS FED 35-44-720	35	070S	200E	4304753008		Federal	OW	APD
Three Rivers 2-32-820	2	080S	200E	4304753274		State	OW	APD
Three Rivers 18-21-821	18	080S	210E	4304753276		Fee	OW	APD
Three Rivers 18-31-821	18	080S	210E	4304753277		Fee	OW	APD
Three Rivers 27-34-720	34	070S	200E	4304753278		Fee	OW	APD
Three Rivers 34-31T-720	34	070S	200E	4304753281		Fee	OW	APD
Three Rivers Federal 35-14-720	35	070S	200E	4304753553		Federal	OW	APD
Three Rivers Federal 35-13-720	35	070S	200E	4304753554		Federal	OW	APD
Three Rivers 7-34-821	7	080S	210E	4304753558		Fee	OW	APD
Three Rivers 7-23-821	7	080S	210E	4304753559		Fee	OW	APD
Three Rivers 7-21-821	7	080S	210E	4304753560		Fee	OW	APD
Three Rivers 7-22-821	7	080S	210E	4304753561		Fee	OW	APD
Three Rivers 7-12-821	7	080S	210E	4304753562		Fee	OW	APD
Three Rivers 18-22-821	18	080S	210E	4304753620		Fee	OW	APD
Three Rivers 18-32-821	18	080S	210E	4304753621		Fee	OW	APD
Three Rivers D	16	080S	200E	4304753702		State	WD	APD
Three Rivers Federal 4-41-820	4	080S	200E	4304753911		Federal	OW	APD
Three Rivers Federal 4-42-820	4	080S	200E	4304753913		Federal	OW	APD
Three Rivers Federal 3-12-820	4	080S	200E	4304753914		Federal	OW	APD
Three Rivers Federal 34-42-720	35	070S	200E	4304753915		Federal	OW	APD
Three Rivers Federal 34-43-720	35	070S	200E	4304753916		Federal	OW	APD
Three Rivers Federal 35-12-720	35	070S	200E	4304753917		Federal	OW	APD
Three Rivers Federal 35-43-720	35	070S	200E	4304753918		Federal	OW	APD
Three Rivers Federal 35-442-720	35	070S	200E	4304753919		Federal	OW	APD
Three Rivers Federal 35-21-720	35	070S	200E	4304753943		Federal	OW	APD
Three Rivers Federal 35-11-720	35	070S	200E	4304753944		Federal	OW	APD
Three Rivers 2-24-820	2	080S	200E	4304753945		State	OW	APD
Three Rivers 2-223-820	2	080S	200E	4304753946		State	OW	APD
Three Rivers 2-21-820	2	080S	200E	4304753947		State	OW	APD
Three Rivers 2-22-820	2	080S	200E	4304753948		State	OW	APD
Three Rivers 32-42-720	32	070S	200E	4304753949		Fee	OW	APD
Three Rivers Federal 3-13-820	3	080S	200E	4304753951		Federal	OW	APD
Three Rivers Federal 3-14-820	3	080S	200E	4304753952		Federal	OW	APD
Three Rivers Federal 3-23-820	3	080S	200E	4304753953		Federal	OW	APD
Three Rivers Federal 3-24-820	3	080S	200E	4304753954		Federal	OW	APD
Three Rivers 4-13-820	5	080S	200E	4304753956		Federal	OW	APD
Three Rivers Federal 5-43-820	5	080S	200E	4304753957		Federal	OW	APD
Three Rivers Federal 5-42-820	5	080S	200E	4304753958		Federal	OW	APD
Three Rivers Federal 5-11-820	5	080S	200E	4304754204		Federal	OW	APD
Three Rivers Federal 5-21-820	5	080S	200E	4304754205		Federal	OW	APD
Three Rivers Federal 8-31-820	8	080S	200E	4304754211		Federal	OW	APD
Three Rivers Federal 8-41-820	8	080S	200E	4304754212		Federal	OW	APD
Three Rivers Federal 3-34-820	3	080S	200E	4304754213		Federal	OW	APD
Three Rivers Federal 3-44-820	3	080S	200E	4304754214		Federal	OW	APD
THREE RIVERS 32-34-720	32	070S	200E	4304752735	19249	Fee	OW	DRL
THREE RIVERS FEDERAL 8-52-820	8	080S	200E	4304752770	19156	Federal	OW	DRL
THREE RIVERS 4-14-820	5	080S	200E	4304752863	19183	Fee	OW	DRL
THREE RIVERS FED 10-42-820	10	080S	200E	4304752949	19310	Federal	OW	DRL
THREE RIVERS FED 3-11-820	34	070S	200E	4304752950	19184	Federal	OW	DRL
Three Rivers 16-21-820	16	080S	200E	4304753229	19024	State	OW	DRL
Three Rivers 16-22-820	16	080S	200E	4304753230	18961	State	OW	DRL

## Axia Energy, LLC (N3765) to Ultra Resources, Inc. (N4045) Effective 10/1/2013

Three Rivers Federal 34-35-720	34	070S	200E	4304753282	19287	Federal	OW	DRL
Three Rivers Federal 34-25-720	34	070S	200E	4304753283	19288	Federal	OW	DRL
Three Rivers Federal 10-32-820	10	080S	200E	4304753415	19275	Federal	OW	DRL
Three Rivers Federal 10-31-820	10	080S	200E	4304753437	19276	Federal	OW	DRL
Three Rivers 16-34-820	16	080S	200E	4304753472	19278	State	OW	DRL
Three Rivers 16-44-820	16	080S	200E	4304753473	19268	State	OW	DRL
Three Rivers 16-11-820	16	080S	200E	4304753474	19262	State	OW	DRL
Three Rivers 16-12-820	16	080S	200E	4304753475	19263	State	OW	DRL
Three Rivers 16-32-820	16	080S	200E	4304753494	19185	State	OW	DRL
Three Rivers 16-31-820	16	080S	200E	4304753495	19269	State	OW	DRL
Three Rivers 16-33-820	16	080S	200E	4304753496	19161	State	OW	DRL
THREE RIVERS FED 10-30-820	10	080S	200E	4304753555	19169	Federal	OW	DRL
Three Rivers Federal 9-41-820	10	080S	200E	4304753556	19170	Federal	OW	DRL
Three Rivers Federal 33-13-720	33	070S	200E	4304753723	19222	Federal	OW	DRL
Three Rivers Federal 33-12-720	33	070S	200E	4304753724	19250	Federal	OW	DRL
Three Rivers 32-3333-720	32	070S	200E	4304753950	19251	Fee	OW	DRL
THREE RIVERS 36-11-720	36	070S	200E	4304751915	18355	State	OW	P
THREE RIVERS 2-11-820	2	080S	200E	4304751936	18354	State	OW	P
THREE RIVERS 34-31-720	34	070S	200E	4304752012	18326	Fee	OW	P
THREE RIVERS 16-42-820	16	080S	200E	4304752056	18682	State	OW	P
THREE RIVERS 16-43-820	16	080S	200E	4304752057	18683	State	OW	P
THREE RIVERS 16-41-820	16	080S	200E	4304752110	18356	State	OW	P
THREE RIVERS 2-51-820	2	080S	200E	4304752685	18941	State	OW	P
THREE RIVERS 2-13-820	2	080S	200E	4304752687	19014	State	OW	P
THREE RIVERS 2-23-820	2	080S	200E	4304752688	19015	State	OW	P
THREE RIVERS 2-15-820	2	080S	200E	4304752689	18770	State	OW	P
THREE RIVERS 36-31-720	36	070S	200E	4304752697	19086	State	OW	P
THREE RIVERS 32-25-720	32	070S	200E	4304752718	19033	Fee	OW	P
THREE RIVERS 36-23-720	36	070S	200E	4304752733	18769	State	OW	P
THREE RIVERS 32-33-720	32	070S	200E	4304752734	19016	Fee	OW	P
THREE RIVERS 32-15-720	32	070S	200E	4304752736	18767	Fee	OW	P
THREE RIVERS 32-35-720	32	070S	200E	4304752737	18766	Fee	OW	P
THREE RIVERS FEDERAL 8-53-820	8	080S	200E	4304752771	18992	Federal	OW	P
THREE RIVERS FEDERAL 3-53-820	3	080S	200E	4304752820	19104	Federal	OW	P
THREE RIVERS FEDERAL 3-32-820	3	080S	200E	4304752861	18942	Federal	OW	P
THREE RIVERS FEDERAL 5-56-820	5	080S	200E	4304752862	18993	Federal	OW	P
THREE RIVERS FED 4-31-820	4	080S	200E	4304752874	19023	Federal	OW	P
THREE RIVERS 4-21-820	4	080S	200E	4304752875	19048	Federal	OW	P
THREE RIVERS FED 34-23-720	34	070S	200E	4304752945	19049	Federal	OW	P
THREE RIVERS FED 34-33-720	34	070S	200E	4304752947	19050	Federal	OW	P
THREE RIVERS FED 10-41-820	10	080S	200E	4304752948	19137	Federal	OW	P
THREE RIVERS FED 34-15-720	34	070S	200E	4304752965	18960	Federal	OW	P
THREE RIVERS FED 35-32-720	35	070S	200E	4304753005	19138	Federal	OW	P
Three Rivers 16-23-820	16	080S	200E	4304753231	19037	State	OW	P
Three Rivers 16-24-820	16	080S	200E	4304753232	19038	State	OW	P
Three Rivers 2-33-820	2	080S	200E	4304753273	18943	State	OW	P
Three Rivers 4-33-820	4	080S	200E	4304753528	19167	Fee	OW	P
Three Rivers Federal 33-14-720	33	070S	200E	4304753551	19107	Federal	OW	P
Three Rivers Federal 4-32-820	4	080S	200E	4304753552	19168	Federal	OW	P
Three Rivers Federal 33-24-720	33	070S	200E	4304753557	19108	Federal	OW	P
Three Rivers 32-334-720	32	070S	200E	4304753710	19067	Fee	OW	P
Three Rivers 5-31-820	32	070S	200E	4304753711	19068	Fee	OW	P
Three Rivers Federal 33-11-720	32	070S	200E	4304753733	19109	Federal	OW	P
Three Rivers 32-32-720	32	070S	200E	4304753734	19087	Fee	OW	P
Three Rivers 32-333-720	32	070S	200E	4304753735	19088	Fee	OW	P



# Ultra Resources, Inc.

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December 13, 2013

RECEIVED  
DEC 16 2013  
DIV. OF OIL, GAS & MINING

Division of Oil, Gas, and Mining  
1594 West North Temple  
Salt Lake City, UT 84116  
Attn: Rachel Medina

Re: Transfer of Operator  
Three Rivers Project Area  
Uintah County, Utah

Dear Ms. Medina:

Pursuant to Purchase and Sale Agreement dated effective October 1, 2013 Ultra Resources, Inc. ("Ultra") assumed the operations of Axia Energy, LLC ("Axia") in the Three Rivers Area, Uintah County, Utah.


Accordingly, Ultra is submitting the following documents for your review and approval:

- 1) Request to Transfer Application or Permit to Drill for New, APD Approved & Drilled Wells
- 2) Request to Transfer Application or Permit to Drill – APD Pending
- 3) Two Completed Sundry Notice and Reports on Wells Form 9 regarding Change of Operator executed by Ultra Resources, Inc. and Axia Energy, LLC
- 4) Statewide Surety Bond in the amount of \$120,000

As to all wells located on Fee Surface there are surface agreements in place. Ultra presently does not anticipate making any change in the drilling plans submitted by Axia.

Ultra has also submitted a Statewide Bond to the Bureau of Land Management. As soon as we receive the acknowledgement and approval by the BLM we will forward same to you for your files. A copy of our transfer letter and bond is attached for your reference.

Should you need any further information at this time, please call me direct at (303) 645-9865 or email [msbalakas@ultrapetroleum.com](mailto:msbalakas@ultrapetroleum.com).

Sincerely,  
  
Mary Sharon Balakas, CPL  
Director of Land

cc: Cindy Turner, Axia Energy, LLC

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List
2. NAME OF OPERATOR: Ultra Resources, Inc. N4045		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 304 Inverness Way South CITY Englewood STATE CO ZIP 80112		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		8. WELL NAME and NUMBER: See Attached Well List
PHONE NUMBER: (303) 645-9810		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 10/1/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EFFECTIVE DATE: October 1, 2013  
FROM:  
Axia Energy, LLC  
1430 Larimer Street  
Suite 400  
Denver, CO 80202  
Bond Number: Blanket Statewide UT State/Fee Bond LPM9046682  
TO:  
Ultra Resources, Inc.  
304 Inverness Way South  
Englewood, CO 80112  
Bond Number: DOGm-022046398  
BLM 022046400

Ultra Resources, Inc. will be responsible under the terms and conditions of the leases/wells for the operations conducted on the leased lands.

RECEIVED  
DEC 16 2013  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Mary Sharon Balakas TITLE Attorney in Fact  
SIGNATURE Mary Sharon Balakas DATE 12/11/13

APPROVED

(This space for State use only)

JAN 16 2013

DIV. OIL GAS & MINING

BY: Rachel Medina

ATTACHMENT TO FORM 9 CHANGE OF OPERATOR  
AXIA ENERGY TO ULTRA RESOURCES EFFECTIVE 10-01-2013

State Well Name List downloaded 12-10-13	Axia Well Name (for database sort and consistency)	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	State Well Status	Actual Status @ 12/12/13	Submitted	Date Apprvd DOGM
THREE RIVERS 2-11-820	Three Rivers 02-11-820	2	080S	200E	4304751936	18354	State	State	OW	P	P		
THREE RIVERS 2-13-820	Three Rivers 02-13-820	2	080S	200E	4304752687	19014	State	State	OW	DRL	P		08/27/12
THREE RIVERS 2-15-820	Three Rivers 02-15-820	2	080S	200E	4304752689	18770	State	State	OW	P	P		
Three Rivers 2-21-820	Three Rivers 02-21-820	2	080S	200E	4304753947		State	State	OW	APD	APRVD		10/15/13
Three Rivers 2-223-820	Three Rivers 02-223-820	2	080S	200E	4304753946		State	State	OW	APD	APRVD		10/15/13
Three Rivers 2-22-820	Three Rivers 02-22-820	2	080S	200E	4304753948		State	State	OW	APD	APRVD		10/15/13
THREE RIVERS 2-23-820	Three Rivers 02-23-820	2	080S	200E	4304752688	19015	State	State	OW	DRL	P		08/27/12
Three Rivers 2-24-820	Three Rivers 02-24-820	2	080S	200E	4304753945		State	State	OW	APD	APRVD		10/15/13
THREE RIVERS 2-25-820	Three Rivers 02-25-820	2	080S	200E	4304752690		State	State	OW	APD	APRVD		08/27/12
Three Rivers 2-32-820	Three Rivers 02-32-820	2	080S	200E	4304753274		State	State	OW	APD	APRVD		12/11/12
Three Rivers 2-33-820	Three Rivers 02-33-820	2	080S	200E	4304753273	18943	State	State	OW	P	P		
THREE RIVERS 2-41-820	Three Rivers 02-41-820	2	080S	200E	4304752686		State	State	OW	APD	APRVD		08/27/12
THREE RIVERS 2-51-820	Three Rivers 02-51-820	2	080S	200E	4304752685	18941	State	State	OW	P	P		
Three Rivers 4-13-820	Three Rivers 04-13-820	5	080S	200E	4304753956		Fee	Federal	OW	APD	PERPEND	08/19/13	
THREE RIVERS 4-14-820	Three Rivers 04-14-820	5	080S	200E	4304752863	19183	Fee	Federal	OW	DRL	P		
Three Rivers 4-33-820	Three Rivers 04-33-820	4	080S	200E	4304753528	19167	Fee	Fee	OW	DRL	P		
Three Rivers 5-31-820	Three Rivers 05-31-820	32	070S	200E	4304753711	19068	Fee	Fee	OW	DRL	P		
Three Rivers 7-12-821	Three Rivers 07-12-821	7	080S	210E	4304753562		Fee	Fee	OW	APD	PERPEND	04/15/13	
Three Rivers 7-21-821	Three Rivers 07-21-821	7	080S	210E	4304753560		Fee	Fee	OW	APD	PERPEND	04/15/13	
Three Rivers 7-22-821	Three Rivers 07-22-821	7	080S	210E	4304753561		Fee	Fee	OW	APD	PERPEND	04/15/13	
Three Rivers 7-23-821	Three Rivers 07-23-821	7	080S	210E	4304753559		Fee	Fee	OW	APD	PERPEND	04/15/13	
Three Rivers 7-34-821	Three Rivers 07-34-821	7	080S	210E	4304753558		Fee	Fee	OW	APD	PERPEND	04/15/13	
Three Rivers 16-11-820	Three Rivers 16-11-820	16	080S	200E	4304753474	19262	State	State	OW	DRL	SCS		03/12/13
Three Rivers 16-12-820	Three Rivers 16-12-820	16	080S	200E	4304753475	19263	State	State	OW	DRL	SCS		03/12/13
Three Rivers 16-21-820	Three Rivers 16-21-820	16	080S	200E	4304753229	19024	State	State	OW	DRL	P		12/11/12
Three Rivers 16-22-820	Three Rivers 16-22-820	16	080S	200E	4304753230	18961	State	State	OW	DRL	P		12/11/12
Three Rivers 16-23-820	Three Rivers 16-23-820	16	080S	200E	4304753231	19037	State	State	OW	DRL	P		12/11/12
Three Rivers 16-24-820	Three Rivers 16-24-820	16	080S	200E	4304753232	19038	State	State	OW	P	P		
Three Rivers 16-31-820	Three Rivers 16-31-820	16	080S	200E	4304753495		State	State	OW	APD	CCS		03/12/13
Three Rivers 16-32-820	Three Rivers 16-32-820	16	080S	200E	4304753494	19185	State	State	OW	DRL	WOC		03/12/13
Three Rivers 16-33-820	Three Rivers 16-33-820	16	080S	200E	4304753496	19161	State	State	OW	DRL	WOC		03/12/13
Three Rivers 16-34-820	Three Rivers 16-34-820	16	080S	200E	4304753472		State	State	OW	APD	CCS		03/12/13
THREE RIVERS 16-41-820	Three Rivers 16-41-820	16	080S	200E	4304752110	18356	State	State	OW	P	P		
THREE RIVERS 16-42-820	Three Rivers 16-42-820	16	080S	200E	4304752056	18682	State	State	OW	P	P		
THREE RIVERS 16-43-820	Three Rivers 16-43-820	16	080S	200E	4304752057	18683	State	State	OW	P	P		
Three Rivers 16-44-820	Three Rivers 16-44-820	16	080S	200E	4304753473		State	State	OW	APD	CCS		03/12/13
Three Rivers 18-21-821	Three Rivers 18-21-821	18	080S	210E	4304753276		Fee	Fee	OW	APD	PERPEND	12/17/12	
Three Rivers 18-22-821	Three Rivers 18-22-821	18	080S	210E	4304753620		Fee	Fee	OW	APD	PERPEND	04/15/13	
Three Rivers 18-31-821	Three Rivers 18-31-821	18	080S	210E	4304753277		Fee	Fee	OW	APD	PERPEND	12/19/12	
Three Rivers 18-32-821	Three Rivers 18-32-821	18	080S	210E	4304753621		Fee	Fee	OW	APD	PERPEND	04/15/13	
Three Rivers 27-34-720	Three Rivers 27-34-720	34	070S	200E	4304753278		Fee	Fee	OW	APD	PERPEND	12/19/12	
THREE RIVERS 32-15-720	Three Rivers 32-15-720	32	070S	200E	4304752736	18767	Fee	Fee	OW	P	P		
THREE RIVERS 32-25-720	Three Rivers 32-25-720	32	070S	200E	4304752718	19033	Fee	Fee	OW	P	P		
Three Rivers 32-32-720	Three Rivers 32-32-720	32	070S	200E	4304753734	19087	Fee	Fee	OW	DRL	P		06/12/13
Three Rivers 32-3333-720	Three Rivers 32-3333-720	32	070S	200E	4304753950	19251	Fee	Fee	OW	DRL	SCS		10/15/13
Three Rivers 32-333-720	Three Rivers 32-333-720	32	070S	200E	4304753735	19088	Fee	Fee	OW	DRL	P		06/12/13
Three Rivers 32-334-720	Three Rivers 32-334-720	32	070S	200E	4304753710	19067	Fee	Fee	OW	DRL	P		05/22/13
THREE RIVERS 32-33-720	Three Rivers 32-33-720	32	070S	200E	4304752734	19016	Fee	Fee	OW	DRL	P		08/29/12
THREE RIVERS 32-34-720	Three Rivers 32-34-720	32	070S	200E	4304752735	19249	Fee	Fee	OW	DRL	DRLG		08/29/12
THREE RIVERS 32-35-720	Three Rivers 32-35-720	32	070S	200E	4304752737	18766	Fee	Fee	OW	P	P		
Three Rivers 32-42-720	Three Rivers 32-42-720	32	070S	200E	4304753949		Fee	Fee	OW	APD	APRVD		10/15/13
THREE RIVERS 34-31-720	Three Rivers 34-31-720	34	070S	200E	4304752012	18326	Fee	Fee	OW	P	P		
Three Rivers 34-31T-720	Three Rivers 34-31T-720	34	070S	200E	4304753281		Fee	Fee	OW	APD	APRVD		12/11/12
THREE RIVERS 36-11-720	Three Rivers 36-11-720	36	070S	200E	4304751915	18355	State	State	OW	P	P		
THREE RIVERS 36-13-720	Three Rivers 36-13-720	36	070S	200E	4304752699		State	State	OW	APD	APRVD		08/29/12
THREE RIVERS 36-21-720	Three Rivers 36-21-720	36	070S	200E	4304752698		State	State	OW	APD	APRVD		08/29/12
THREE RIVERS 36-23-720	Three Rivers 36-23-720	36	070S	200E	4304752733	18769	State	State	OW	P	P		
THREE RIVERS 36-31-720	Three Rivers 36-31-720	36	070S	200E	4304752697	19086	State	State	OW	DRL	P		08/29/12
Three Rivers D	Three Rivers D	16	080S	200E	4304753702		State	State	WD	APD	APRVD		07/15/13
THREE RIVERS FED 3-11-820	Three Rivers Fed 03-11-820	34	070S	200E	4304752950	19184	Federal	Fee	OW	DRL	WOC		02/22/13
Three Rivers Federal 3-12-820	Three Rivers Fed 03-12-820	4	080S	200E	4304753914		Federal	Federal	OW	APD	APRVD		08/01/13
Three Rivers Federal 3-13-820	Three Rivers Fed 03-13-820	3	080S	200E	4304753951		Federal	Federal	OW	APD	PERPEND	08/12/13	
Three Rivers Federal 3-14-820	Three Rivers Fed 03-14-820	3	080S	200E	4304753952		Federal	Federal	OW	APD	PERPEND	08/12/13	
Three Rivers Federal 3-23-820	Three Rivers Fed 03-23-820	3	080S	200E	4304753953		Federal	Federal	OW	APD	PERPEND	08/12/13	
Three Rivers Federal 3-24-820	Three Rivers Fed 03-24-820	3	080S	200E	4304753954		Federal	Federal	OW	APD	PERPEND	08/12/13	
THREE RIVERS FEDERAL 3-32-820	Three Rivers Fed 03-32-820	3	080S	200E	4304752861	18942	Federal	Federal	OW	P	P		
THREE RIVERS FEDERAL 3-33-820	Three Rivers Fed 03-33-820	3	080S	200E	4304752864		Federal	Federal	OW	APD	APRVD		12/24/12
THREE RIVERS FEDERAL 3-53-820	Three Rivers Fed 03-53-820	3	080S	200E	4304752820	19104	Federal	Federal	OW	DRL	P		12/24/12
THREE RIVERS FEDERAL 3-54-820	Three Rivers Fed 03-54-820	3	080S	200E	4304752860		Federal	Federal	OW	APD	APRVD		12/24/12

ATTACHMENT TO FORM 9 CHANGE OF OPERATOR  
AXIA ENERGY TO ULTRA RESOURCES EFFECTIVE 10-01-2013

State Well Name List downloaded 12-10-13	Axia Well Name (for database sort and consistency)	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	State Well Status	Actual Status @ 12/12/13	Submitted	Date Apprvd DOGM
THREE RIVERS 4-21-820	Three Rivers Fed 04-21-820	4	080S	200E	4304752875	19048	Federal	Fee	OW	DRL	P		02/22/13
THREE RIVERS FED 4-31-820	Three Rivers Fed 04-31-820	4	080S	200E	4304752874	19023	Federal	Fee	OW	DRL	P		02/22/13
Three Rivers Federal 4-32-820	Three Rivers Fed 04-32-820	4	080S	200E	4304753552	19168	Federal	Fee	OW	DRL	P		08/26/13
Three Rivers Federal 4-41-820	Three Rivers Fed 04-41-820	4	080S	200E	4304753911		Federal	Federal	OW	APD	APRVD		08/01/13
Three Rivers Federal 4-42-820	Three Rivers Fed 04-42-820	4	080S	200E	4304753913		Federal	Federal	OW	APD	APRVD		08/01/13
Three Rivers Federal 5-11-820	Three Rivers Fed 05-11-820	5	080S	200E	4304754204		Federal	Federal	OW	NEW	PERPEND	12/03/13	
Three Rivers Federal 5-21-820	Three Rivers Fed 05-21-820	5	080S	200E	4304754205		Federal	Federal	OW	NEW	PERPEND	12/03/13	
Three Rivers Federal 5-42-820	Three Rivers Fed 05-42-820	5	080S	200E	4304753958		Federal	Federal	OW	APD	PERPEND	08/19/13	
Three Rivers Federal 5-43-820	Three Rivers Fed 05-43-820	5	080S	200E	4304753957		Federal	Federal	OW	APD	PERPEND	08/19/13	
THREE RIVERS FEDERAL 5-56-820	Three Rivers Fed 05-56-820	5	080S	200E	4304752862	18993	Federal	Federal	OW	P	P		
THREE RIVERS FEDERAL 8-52-820	Three Rivers Fed 08-52-820	8	080S	200E	4304752770	19156	Federal	Federal	OW	DRL	P		02/22/13
THREE RIVERS FEDERAL 8-53-820	Three Rivers Fed 08-53-820	8	080S	200E	4304752771	18992	Federal	Federal	OW	P	P		
Three Rivers Federal 9-41-820	Three Rivers Fed 09-41-820	10	080S	200E	4304753556	19170	Federal	Federal	OW	DRL	P		08/20/13
THREE RIVERS FED 10-30-820	Three Rivers Fed 10-30-820	10	080S	200E	4304753555	19169	Federal	Federal	OW	DRL	P		08/20/13
Three Rivers Federal 10-31-820	Three Rivers Fed 10-31-820	10	080S	200E	4304753437		Federal	Federal	OW	APD	CCS		08/21/13
Three Rivers Federal 10-32-820	Three Rivers Fed 10-32-820	10	080S	200E	4304753415		Federal	Federal	OW	APD	CCS		08/21/13
THREE RIVERS FED 10-41-820	Three Rivers Fed 10-41-820	10	080S	200E	4304752948	19137	Federal	Federal	OW	DRL	P		02/22/13
THREE RIVERS FED 10-42-820	Three Rivers Fed 10-42-820	10	080S	200E	4304752949		Federal	Federal	OW	APD	APRVD		02/22/13
Three Rivers Federal 33-11-720	Three Rivers Fed 33-11-720	32	070S	200E	4304753733	19109	Federal	Fee	OW	DRL	P		07/17/13
Three Rivers Federal 33-12-720	Three Rivers Fed 33-12-720	33	070S	200E	4304753724	19250	Federal	Fee	OW	DRL	WOC		09/16/13
Three Rivers Federal 33-13-720	Three Rivers Fed 33-13-720	33	070S	200E	4304753723	19222	Federal	Fee	OW	DRL	WOC		09/16/13
Three Rivers Federal 33-14-720	Three Rivers Fed 33-14-720	33	070S	200E	4304753551	19107	Federal	Fee	OW	DRL	P		09/16/13
Three Rivers Federal 33-24-720	Three Rivers Fed 33-24-720	33	070S	200E	4304753557	19108	Federal	Fee	OW	DRL	P		07/09/13
THREE RIVERS FED 34-15-720	Three Rivers Fed 34-15-720	34	070S	200E	4304752965	18960	Federal	Fee	OW	P	P		
THREE RIVERS FED 34-23-720	Three Rivers Fed 34-23-720	34	070S	200E	4304752945	19049	Federal	Fee	OW	DRL	P		02/12/13
Three Rivers Federal 34-25-720	Three Rivers Fed 34-25-720	34	070S	200E	4304753283		Federal	Fee	OW	APD	APRVD		06/10/13
THREE RIVERS FED 34-33-720	Three Rivers Fed 34-33-720	34	070S	200E	4304752947	19050	Federal	Fee	OW	DRL	P		02/22/13
Three Rivers Federal 34-35-720	Three Rivers Fed 34-35-720	34	070S	200E	4304753282		Federal	Fee	OW	APD	APRVD		06/10/13
Three Rivers Federal 34-42-720	Three Rivers Fed 34-42-720	35	070S	200E	4304753915		Federal	Federal	OW	APD	APRVD		08/01/13
Three Rivers Federal 34-43-720	Three Rivers Fed 34-43-720	35	070S	200E	4304753916		Federal	Federal	OW	APD	APRVD		08/01/13
Three Rivers Federal 35-11-720	Three Rivers Fed 35-11-720	35	070S	200E	4304753944		Federal	Federal	OW	APD	PERPEND	07/25/13	
Three Rivers Federal 35-12-720	Three Rivers Fed 35-12-720	35	070S	200E	4304753917		Federal	Federal	OW	APD	APRVD		08/01/13
Three Rivers Federal 35-13-720	Three Rivers Fed 35-13-720	35	070S	200E	4304753554		Federal	Federal	OW	APD	APRVD		08/20/13
Three Rivers Federal 35-14-720	Three Rivers Fed 35-14-720	35	070S	200E	4304753553		Federal	Federal	OW	APD	APRVD		08/22/13
Three Rivers Federal 35-21-720	Three Rivers Fed 35-21-720	35	070S	200E	4304753943		Federal	Federal	OW	APD	PERPEND	07/25/13	
THREE RIVERS FED 35-32-720	Three Rivers Fed 35-32-720	35	070S	200E	4304753005	19138	Federal	Federal	OW	DRL	APRVD		02/22/13
THREE RIVERS FED 35-34-720	Three Rivers Fed 35-34-720	35	070S	200E	4304753006		Federal	Federal	OW	APD	APRVD		02/22/13
THREE RIVERS FED 35-42-720	Three Rivers Fed 35-42-720	35	070S	200E	4304753007		Federal	Federal	OW	APD	APRVD		02/22/13
Three Rivers Federal 35-43-720	Three Rivers Fed 35-43-720	35	070S	200E	4304753918		Federal	Federal	OW	APD	APRVD		08/01/13
Three Rivers Federal 35-44-720	Three Rivers Fed 35-44-720	35	070S	200E	4304753919		Federal	Federal	OW	APD	APRVD		08/01/13
THREE RIVERS FED 35-44-720	Three Rivers Fed 35-44-720	35	070S	200E	4304753008		Federal	Federal	OW	APD	APRVD		02/22/13
Three Rivers Fed 03-34-820	Three Rivers Fed 03-34-820	3	080S	200E			Federal			NA	SUB	12/10/13	
Three Rivers Fed 03-44-820	Three Rivers Fed 03-44-820	3	080S	200E			Federal			NA	SUB	12/10/13	
Three Rivers Fed 08-31-820	Three Rivers Fed 08-31-820	8	080S	200E			Federal			NA	SUB	12/07/13	
Three Rivers Fed 08-41-820	Three Rivers Fed 08-41-820	9	080S	200E			Federal			NA	SUB	12/07/13	

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List
2. NAME OF OPERATOR: Axia Energy, LLC N3765		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1430 Larimer Street, Ste 400 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		8. WELL NAME and NUMBER: See Attached Well List
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT:
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 10/1/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

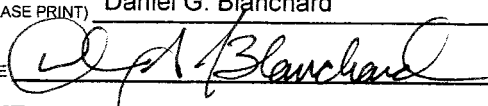
EFFECTIVE DATE: October 1, 2013  
FROM:  
Axia Energy, LLC  
1430 Larimer Street  
Suite 400  
Denver, CO 80202  
Bond Number: Blanket Statewide UT State/Fee Bond LPM9046682  
TO:  
Ultra Resources, Inc.  
304 Inverness Way South  
Englewood, CO 80112  
Bond Number: DOGm 022046298  
BLM 022046400

Ultra Resources, Inc. will be responsible under the terms and conditions of the leases/wells for the operations conducted on the leased lands.

RECEIVED

DEC 16 2013

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Daniel G. Blanchard	TITLE President
SIGNATURE 	DATE 12/11/13

(This space for State use only)

APPROVED

JAN 16 2013

DIV. OIL GAS & MINING  
BY: Daniel G. Blanchard

ATTACHMENT TO FORM 9 CHANGE OF OPERATOR  
AXIA ENERGY TO ULTRA RESOURCES EFFECTIVE 10-01-2013

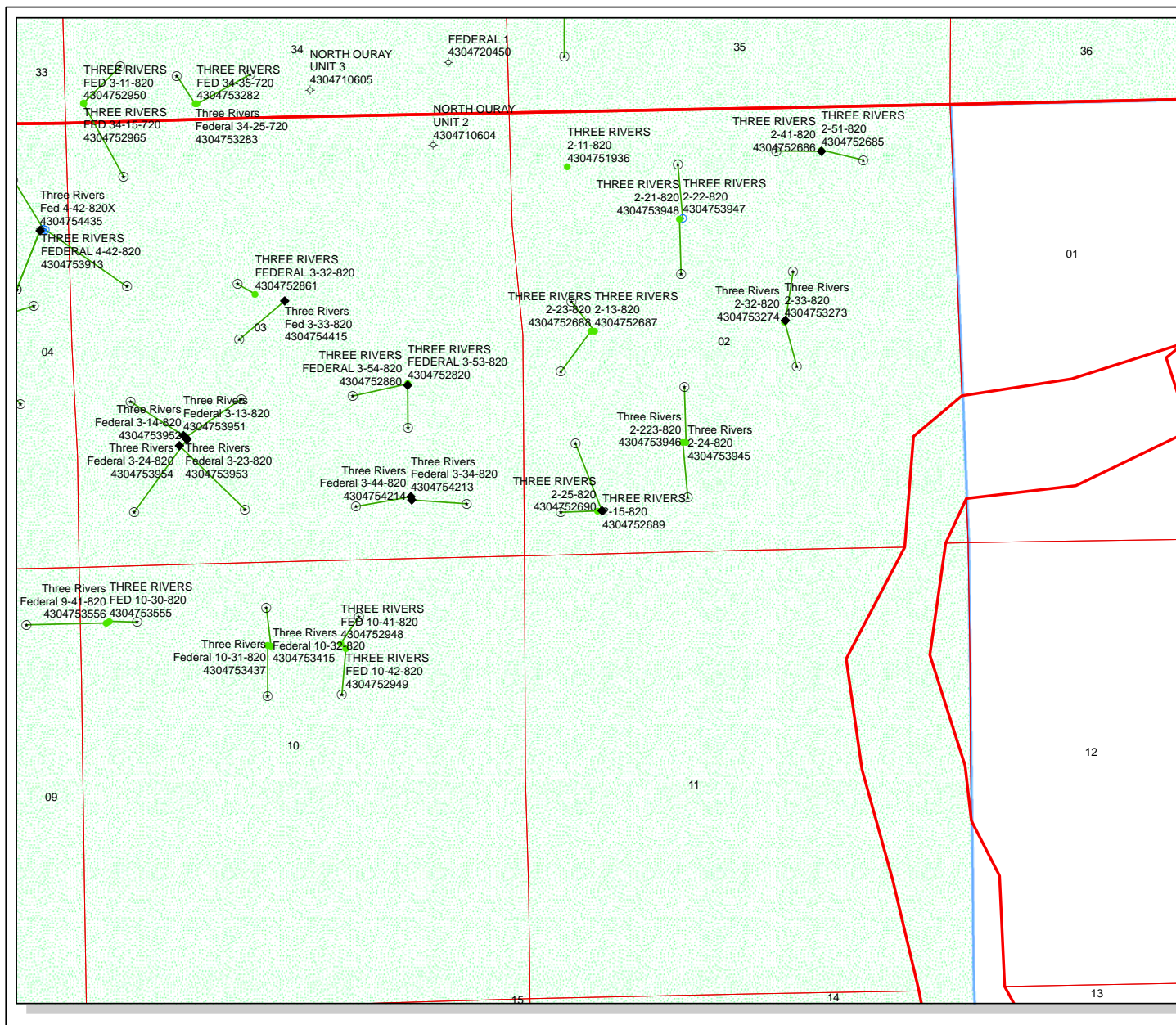
State Well Name List downloaded 12-10-13	Axia Well Name (for database sort and consistency)	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	State Well Status	Actual Status @ 12/12/13	Submitted	Date Apprvd DOGM
THREE RIVERS 2-11-820	Three Rivers 02-11-820	2	080S	200E	4304751936	18354	State	State	OW	P	P	1	
THREE RIVERS 2-13-820	Three Rivers 02-13-820	2	080S	200E	4304752687	19014	State	State	OW	DRL	P	2	08/27/12
THREE RIVERS 2-15-820	Three Rivers 02-15-820	2	080S	200E	4304752689	18770	State	State	OW	P	P	3	
Three Rivers 2-21-820	Three Rivers 02-21-820	2	080S	200E	4304753947		State	State	OW	APD	APRVD	4	10/15/13
Three Rivers 2-223-820	Three Rivers 02-223-820	2	080S	200E	4304753946		State	State	OW	APD	APRVD	5	10/15/13
Three Rivers 2-22-820	Three Rivers 02-22-820	2	080S	200E	4304753948		State	State	OW	APD	APRVD	6	10/15/13
THREE RIVERS 2-23-820	Three Rivers 02-23-820	2	080S	200E	4304752688	19015	State	State	OW	DRL	P	7	08/27/12
Three Rivers 2-24-820	Three Rivers 02-24-820	2	080S	200E	4304753945		State	State	OW	APD	APRVD	8	10/15/13
THREE RIVERS 2-25-820	Three Rivers 02-25-820	2	080S	200E	4304752690		State	State	OW	APD	APRVD	9	08/27/12
Three Rivers 2-32-820	Three Rivers 02-32-820	2	080S	200E	4304753274		State	State	OW	APD	APRVD	10	12/11/12
Three Rivers 2-33-820	Three Rivers 02-33-820	2	080S	200E	4304753273	18943	State	State	OW	P	P	1	
THREE RIVERS 2-41-820	Three Rivers 02-41-820	2	080S	200E	4304752686		State	State	OW	APD	APRVD	2	08/27/12
THREE RIVERS 2-51-820	Three Rivers 02-51-820	2	080S	200E	4304752685	18941	State	State	OW	P	P	3	
Three Rivers 4-13-820	Three Rivers 04-13-820	5	080S	200E	4304753956		Fee	Federal	OW	APD	PERPEND	08/19/13	
THREE RIVERS 4-14-820	Three Rivers 04-14-820	5	080S	200E	4304752863	19183	Fee	Federal	OW	DRL	P	5	
Three Rivers 4-33-820	Three Rivers 04-33-820	4	080S	200E	4304753528	19167	Fee	Fee	OW	DRL	P	6	
Three Rivers 5-31-820	Three Rivers 05-31-820	32	070S	200E	4304753711	19068	Fee	Fee	OW	DRL	P	7	
Three Rivers 7-12-821	Three Rivers 07-12-821	7	080S	210E	4304753562		Fee	Fee	OW	APD	PERPEND	04/15/13	8
Three Rivers 7-21-821	Three Rivers 07-21-821	7	080S	210E	4304753560		Fee	Fee	OW	APD	PERPEND	04/15/13	9
Three Rivers 7-22-821	Three Rivers 07-22-821	7	080S	210E	4304753561		Fee	Fee	OW	APD	PERPEND	04/15/13	20
Three Rivers 7-23-821	Three Rivers 07-23-821	7	080S	210E	4304753559		Fee	Fee	OW	APD	PERPEND	04/15/13	1
Three Rivers 7-34-821	Three Rivers 07-34-821	7	080S	210E	4304753558		Fee	Fee	OW	APD	PERPEND	04/15/13	2
Three Rivers 16-11-820	Three Rivers 16-11-820	16	080S	200E	4304753474	19262	State	State	OW	DRL	SCS	3	03/12/13
Three Rivers 16-12-820	Three Rivers 16-12-820	16	080S	200E	4304753475	19263	State	State	OW	DRL	SCS	4	03/12/13
Three Rivers 16-21-820	Three Rivers 16-21-820	16	080S	200E	4304753229	19024	State	State	OW	DRL	P	5	12/11/12
Three Rivers 16-22-820	Three Rivers 16-22-820	16	080S	200E	4304753230	18961	State	State	OW	DRL	P	6	12/11/12
Three Rivers 16-23-820	Three Rivers 16-23-820	16	080S	200E	4304753231	19037	State	State	OW	DRL	P	7	12/11/12
Three Rivers 16-24-820	Three Rivers 16-24-820	16	080S	200E	4304753232	19038	State	State	OW	P	P	8	
Three Rivers 16-31-820	Three Rivers 16-31-820	16	080S	200E	4304753495		State	State	OW	APD	CCS	9	03/12/13
Three Rivers 16-32-820	Three Rivers 16-32-820	16	080S	200E	4304753494	19185	State	State	OW	DRL	WOC	30	03/12/13
Three Rivers 16-33-820	Three Rivers 16-33-820	16	080S	200E	4304753496	19161	State	State	OW	DRL	WOC	1	03/12/13
Three Rivers 16-34-820	Three Rivers 16-34-820	16	080S	200E	4304753472		State	State	OW	APD	CCS	2	03/12/13
THREE RIVERS 16-41-820	Three Rivers 16-41-820	16	080S	200E	4304752110	18356	State	State	OW	P	P	3	
THREE RIVERS 16-42-820	Three Rivers 16-42-820	16	080S	200E	4304752056	18682	State	State	OW	P	P	4	
THREE RIVERS 16-43-820	Three Rivers 16-43-820	16	080S	200E	4304752057	18683	State	State	OW	P	P	5	
Three Rivers 16-44-820	Three Rivers 16-44-820	16	080S	200E	4304753473		State	State	OW	APD	CCS	6	03/12/13
Three Rivers 18-21-821	Three Rivers 18-21-821	18	080S	210E	4304753276		Fee	Fee	OW	APD	PERPEND	12/17/12	7
Three Rivers 18-22-821	Three Rivers 18-22-821	18	080S	210E	4304753260		Fee	Fee	OW	APD	PERPEND	04/15/13	8
Three Rivers 18-31-821	Three Rivers 18-31-821	18	080S	210E	4304753277		Fee	Fee	OW	APD	PERPEND	12/19/12	9
Three Rivers 18-32-821	Three Rivers 18-32-821	18	080S	210E	4304753261		Fee	Fee	OW	APD	PERPEND	04/15/13	40
Three Rivers 27-34-720	Three Rivers 27-34-720	34	070S	200E	4304753278		Fee	Fee	OW	APD	PERPEND	12/19/12	1
THREE RIVERS 32-15-720	Three Rivers 32-15-720	32	070S	200E	4304752736	18767	Fee	Fee	OW	P	P	2	
THREE RIVERS 32-25-720	Three Rivers 32-25-720	32	070S	200E	4304752718	19033	Fee	Fee	OW	P	P	3	
Three Rivers 32-32-720	Three Rivers 32-32-720	32	070S	200E	4304753734	19087	Fee	Fee	OW	DRL	P	4	06/12/13
Three Rivers 32-333-720	Three Rivers 32-333-720	32	070S	200E	4304753950	19251	Fee	Fee	OW	DRL	SCS	5	10/15/13
Three Rivers 32-333-720	Three Rivers 32-333-720	32	070S	200E	4304753735	19088	Fee	Fee	OW	DRL	P	6	06/12/13
Three Rivers 32-334-720	Three Rivers 32-334-720	32	070S	200E	4304753710	19067	Fee	Fee	OW	DRL	P	7	05/22/13
THREE RIVERS 32-33-720	Three Rivers 32-33-720	32	070S	200E	4304752734	19016	Fee	Fee	OW	DRL	P	8	08/29/12
THREE RIVERS 32-34-720	Three Rivers 32-34-720	32	070S	200E	4304752735	19249	Fee	Fee	OW	DRL	DRLG	9	08/29/12
THREE RIVERS 32-35-720	Three Rivers 32-35-720	32	070S	200E	4304752737	18766	Fee	Fee	OW	P	P	50	
Three Rivers 32-42-720	Three Rivers 32-42-720	32	070S	200E	4304753949		Fee	Fee	OW	APD	APRVD	1	10/15/13
THREE RIVERS 34-31-720	Three Rivers 34-31-720	34	070S	200E	4304752012	18326	Fee	Fee	OW	P	P	2	
Three Rivers 34-31T-720	Three Rivers 34-31T-720	34	070S	200E	4304753281		Fee	Fee	OW	APD	APRVD	3	12/11/12
THREE RIVERS 36-11-720	Three Rivers 36-11-720	36	070S	200E	4304751915	18355	State	State	OW	P	P	4	
THREE RIVERS 36-13-720	Three Rivers 36-13-720	36	070S	200E	4304752699		State	State	OW	APD	APRVD	5	08/29/12
THREE RIVERS 36-21-720	Three Rivers 36-21-720	36	070S	200E	4304752698		State	State	OW	APD	APRVD	6	08/29/12
THREE RIVERS 36-23-720	Three Rivers 36-23-720	36	070S	200E	4304752733	18769	State	State	OW	P	P	7	
THREE RIVERS 36-31-720	Three Rivers 36-31-720	36	070S	200E	4304752697	19086	State	State	OW	DRL	P	8	08/29/12
Three Rivers D	Three Rivers D	16	080S	200E	4304753702		State	State	WD	APD	APRVD	9	07/15/13
THREE RIVERS FED 3-11-820	Three Rivers Fed 03-11-820	34	070S	200E	4304752950	19184	Federal	Fee	OW	DRL	WOC	60	02/22/13
Three Rivers Federal 3-12-820	Three Rivers Fed 03-12-820	4	080S	200E	4304753914		Federal	Federal	OW	APD	APRVD	1	08/01/13
Three Rivers Federal 3-13-820	Three Rivers Fed 03-13-820	3	080S	200E	4304753951		Federal	Federal	OW	APD	PERPEND	08/12/13	2
Three Rivers Federal 3-14-820	Three Rivers Fed 03-14-820	3	080S	200E	4304753952		Federal	Federal	OW	APD	PERPEND	08/12/13	3
Three Rivers Federal 3-23-820	Three Rivers Fed 03-23-820	3	080S	200E	4304753953		Federal	Federal	OW	APD	PERPEND	08/12/13	4
Three Rivers Federal 3-24-820	Three Rivers Fed 03-24-820	3	080S	200E	4304753954		Federal	Federal	OW	APD	PERPEND	08/12/13	5
THREE RIVERS FEDERAL 3-32-820	Three Rivers Fed 03-32-820	3	080S	200E	4304752861	18942	Federal	Federal	OW	P	P	6	
THREE RIVERS FEDERAL 3-33-820	Three Rivers Fed 03-33-820	3	080S	200E	4304752864		Federal	Federal	OW	APD	APRVD	7	12/24/12
THREE RIVERS FEDERAL 3-53-820	Three Rivers Fed 03-53-820	3	080S	200E	4304752820	19104	Federal	Federal	OW	DRL	P	8	12/24/12
THREE RIVERS FEDERAL 3-54-820	Three Rivers Fed 03-54-820	3	080S	200E	4304752860		Federal	Federal	OW	APD	APRVD	9	12/24/12



ATTACHMENT TO FORM 9 CHANGE OF OPERATOR  
AXIA ENERGY TO ULTRA RESOURCES EFFECTIVE 10-01-2013

State Well Name List downloaded 12-10-13	Axia Well Name (for database sort and consistency)	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	State Well Status	Actual Status @ 12/12/13	Submitted	Date Apprvd DOGM
THREE RIVERS 4-21-820	Three Rivers Fed 04-21-820	4	080S	200E	4304752875	19048	Federal	Fee	OW	DRL	P	70	02/22/13
THREE RIVERS FED 4-31-820	Three Rivers Fed 04-31-820	4	080S	200E	4304752874	19023	Federal	Fee	OW	DRL	P	1	02/22/13
Three Rivers Federal 4-32-820	Three Rivers Fed 04-32-820	4	080S	200E	4304753552	19168	Federal	Fee	OW	DRL	P	2	08/26/13
Three Rivers Federal 4-41-820	Three Rivers Fed 04-41-820	4	080S	200E	4304753911		Federal	Federal	OW	APD	APRVD	3	08/01/13
Three Rivers Federal 4-42-820	Three Rivers Fed 04-42-820	4	080S	200E	4304753913		Federal	Federal	OW	APD	APRVD	4	08/01/13
Three Rivers Federal 5-11-820	Three Rivers Fed 05-11-820	5	080S	200E	4304754204		Federal	Federal	OW	NEW	PERPEND	12/03/13	5
Three Rivers Federal 5-21-820	Three Rivers Fed 05-21-820	5	080S	200E	4304754205		Federal	Federal	OW	NEW	PERPEND	12/03/13	6
Three Rivers Federal 5-42-820	Three Rivers Fed 05-42-820	5	080S	200E	4304753958		Federal	Federal	OW	APD	PERPEND	08/19/13	7
Three Rivers Federal 5-43-820	Three Rivers Fed 05-43-820	5	080S	200E	4304753957		Federal	Federal	OW	APD	PERPEND	08/19/13	8
THREE RIVERS FEDERAL 5-56-820	Three Rivers Fed 05-56-820	5	080S	200E	4304752862	18993	Federal	Federal	OW	P	P		
THREE RIVERS FEDERAL 8-52-820	Three Rivers Fed 08-52-820	8	080S	200E	4304752770	19156	Federal	Federal	OW	DRL	P	9	02/22/13
THREE RIVERS FEDERAL 8-53-820	Three Rivers Fed 08-53-820	8	080S	200E	4304752771	18992	Federal	Federal	OW	P	P		
Three Rivers Federal 9-41-820	Three Rivers Fed 09-41-820	10	080S	200E	4304753556	19170	Federal	Federal	OW	DRL	P		08/20/13
THREE RIVERS FED 10-30-820	Three Rivers Fed 10-30-820	10	080S	200E	4304753555	19169	Federal	Federal	OW	DRL	P		08/20/13
Three Rivers Federal 10-31-820	Three Rivers Fed 10-31-820	10	080S	200E	4304753437		Federal	Federal	OW	APD	CCS		08/21/13
Three Rivers Federal 10-32-820	Three Rivers Fed 10-32-820	10	080S	200E	4304753415		Federal	Federal	OW	APD	CCS		08/21/13
THREE RIVERS FED 10-41-820	Three Rivers Fed 10-41-820	10	080S	200E	4304752948	19137	Federal	Federal	OW	DRL	P		02/22/13
THREE RIVERS FED 10-42-820	Three Rivers Fed 10-42-820	10	080S	200E	4304752949		Federal	Federal	OW	APD	APRVD		02/22/13
Three Rivers Federal 33-11-720	Three Rivers Fed 33-11-720	32	070S	200E	4304753733	19109	Federal	Fee	OW	DRL	P		07/17/13
Three Rivers Federal 33-12-720	Three Rivers Fed 33-12-720	33	070S	200E	4304753724	19250	Federal	Fee	OW	DRL	WOC		09/16/13
Three Rivers Federal 33-13-720	Three Rivers Fed 33-13-720	33	070S	200E	4304753723	19222	Federal	Fee	OW	DRL	WOC		09/16/13
Three Rivers Federal 33-14-720	Three Rivers Fed 33-14-720	33	070S	200E	4304753551	19107	Federal	Fee	OW	DRL	P		09/16/13
Three Rivers Federal 33-24-720	Three Rivers Fed 33-24-720	33	070S	200E	4304753557	19108	Federal	Fee	OW	DRL	P		07/09/13
THREE RIVERS FED 34-15-720	Three Rivers Fed 34-15-720	34	070S	200E	4304752965	18960	Federal	Fee	OW	P	P		
THREE RIVERS FED 34-23-720	Three Rivers Fed 34-23-720	34	070S	200E	4304752945	19049	Federal	Fee	OW	DRL	P		02/12/13
Three Rivers Federal 34-25-720	Three Rivers Fed 34-25-720	34	070S	200E	4304753283		Federal	Fee	OW	APD	APRVD		06/10/13
THREE RIVERS FED 34-33-720	Three Rivers Fed 34-33-720	34	070S	200E	4304752947	19050	Federal	Fee	OW	DRL	P		02/22/13
Three Rivers Federal 34-35-720	Three Rivers Fed 34-35-720	34	070S	200E	4304753282		Federal	Fee	OW	APD	APRVD		06/10/13
Three Rivers Federal 34-42-720	Three Rivers Fed 34-42-720	35	070S	200E	4304753915		Federal	Federal	OW	APD	APRVD		08/01/13
Three Rivers Federal 34-43-720	Three Rivers Fed 34-43-720	35	070S	200E	4304753916		Federal	Federal	OW	APD	APRVD		08/01/13
Three Rivers Federal 35-11-720	Three Rivers Fed 35-11-720	35	070S	200E	4304753944		Federal	Federal	OW	APD	PERPEND	07/25/13	100
Three Rivers Federal 35-12-720	Three Rivers Fed 35-12-720	35	070S	200E	4304753917		Federal	Federal	OW	APD	APRVD		08/01/13
Three Rivers Federal 35-13-720	Three Rivers Fed 35-13-720	35	070S	200E	4304753554		Federal	Federal	OW	APD	APRVD		08/20/13
Three Rivers Federal 35-14-720	Three Rivers Fed 35-14-720	35	070S	200E	4304753553		Federal	Federal	OW	APD	APRVD		08/22/13
Three Rivers Federal 35-21-720	Three Rivers Fed 35-21-720	35	070S	200E	4304753943		Federal	Federal	OW	APD	PERPEND	07/25/13	4
THREE RIVERS FED 35-32-720	Three Rivers Fed 35-32-720	35	070S	200E	4304753005	19138	Federal	Federal	OW	DRL	APRVD		02/22/13
THREE RIVERS FED 35-34-720	Three Rivers Fed 35-34-720	35	070S	200E	4304753006		Federal	Federal	OW	APD	APRVD		02/22/13
THREE RIVERS FED 35-42-720	Three Rivers Fed 35-42-720	35	070S	200E	4304753007		Federal	Federal	OW	APD	APRVD		02/22/13
Three Rivers Federal 35-43-720	Three Rivers Fed 35-43-720	35	070S	200E	4304753918		Federal	Federal	OW	APD	APRVD		08/01/13
Three Rivers Federal 35-44-720	Three Rivers Fed 35-44-720	35	070S	200E	4304753919		Federal	Federal	OW	APD	APRVD		08/01/13
THREE RIVERS FED 35-44-720	Three Rivers Fed 35-44-720	35	070S	200E	4304753008		Federal	Federal	OW	APD	APRVD	110	02/22/13
Three Rivers Fed 03-34-820	Three Rivers Fed 03-34-820	3	080S	200E			Federal		NA	SUB		12/10/13	1
Three Rivers Fed 03-44-820	Three Rivers Fed 03-44-820	3	080S	200E			Federal		NA	SUB		12/10/13	2
Three Rivers Fed 08-31-820	Three Rivers Fed 08-31-820	8	080S	200E			Federal		NA	SUB		12/07/13	3
Three Rivers Fed 08-41-820	Three Rivers Fed 08-41-820	9	080S	200E			Federal		NA	SUB		12/07/13	4

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-49318
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> ULTRA RESOURCES INC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 304 Inverness Way South #245, Englewood, CO, 80112		<b>8. WELL NAME and NUMBER:</b> THREE RIVERS 2-25-820
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0529 FSL 0951 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 02 Township: 08.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047526900000
<b>PHONE NUMBER:</b> 303 645-9810 Ext		<b>9. FIELD and POOL or WILDCAT:</b> THREE RIVERS
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>5/23/2014</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE   <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS   <input type="checkbox"/> CHANGE WELL STATUS   <input type="checkbox"/> DEEPEN   <input type="checkbox"/> OPERATOR CHANGE   <input type="checkbox"/> PRODUCTION START OR RESUME   <input type="checkbox"/> REPERFORATE CURRENT FORMATION   <input type="checkbox"/> TUBING REPAIR   <input type="checkbox"/> WATER SHUTOFF   <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING   <input type="checkbox"/> CHANGE TUBING   <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS   <input type="checkbox"/> FRACTURE TREAT   <input type="checkbox"/> PLUG AND ABANDON   <input type="checkbox"/> RECLAMATION OF WELL SITE   <input type="checkbox"/> SIDETRACK TO REPAIR WELL   <input type="checkbox"/> VENT OR FLARE   <input type="checkbox"/> SI TA STATUS EXTENSION   <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR   <input type="checkbox"/> CHANGE WELL NAME   <input type="checkbox"/> CONVERT WELL TYPE   <input type="checkbox"/> NEW CONSTRUCTION   <input type="checkbox"/> PLUG BACK   <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION   <input type="checkbox"/> TEMPORARY ABANDON   <input type="checkbox"/> WATER DISPOSAL   <input type="checkbox"/> APD EXTENSION           OTHER: <input style="width: 100px;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Ultra requests to change TD from 8,668 MD/8,635 TVD to 6,919 MD/6,794 TVD and to update the SHL and BHL per attached Plat, Drilling Plan, Directional Plan and Exception Location Letter to the previously approved APD.		
<div style="color: red; font-weight: bold;">             Approved by the              Utah Division of              Oil, Gas and Mining              May 22, 2014           </div> <div style="color: red; font-weight: bold;">             Date: _____              By: <u><i>Derek Duff</i></u> </div>		
<b>NAME (PLEASE PRINT)</b> Jenna Anderson	<b>PHONE NUMBER</b> 303 645-9804	<b>TITLE</b> Permitting Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/9/2014	



API Number: 4304752690

Well Name: THREE RIVERS 2-25-820

Township: T08.0S Range: R20.0E Section: 02 Meridian: S

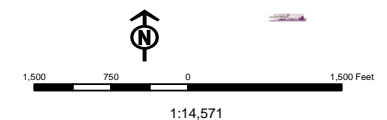
Operator: ULTRA RESOURCES INC

Map Prepared: 5/20/2014  
Map Produced by Diana Mason

Wells Query		Units	
Status		STATUS	
APD - Approved Permit		ACTIVE	
DRL - Spudded (Drilling Commenced)		EXPLORATORY	
GIW - Gas Injection		GAS STORAGE	
GS - Gas Storage		NF PP OIL	
LOC - New Location		NF SECONDARY	
OPS - Operation Suspended		PI OIL	
PA - Plugged Abandoned		PP GAS	
PGW - Producing Gas Well		PP GEOTHERML	
POW - Producing Oil Well		PP OIL	
SGW - Shut-in Gas Well		SECONDARY	
SOW - Shut-in Oil Well		TERMINATED	
TA - Temp. Abandoned			
TW - Test Well			
WOW - Water Disposal			
WW - Water Injection Well			
WSW - Water Supply Well			

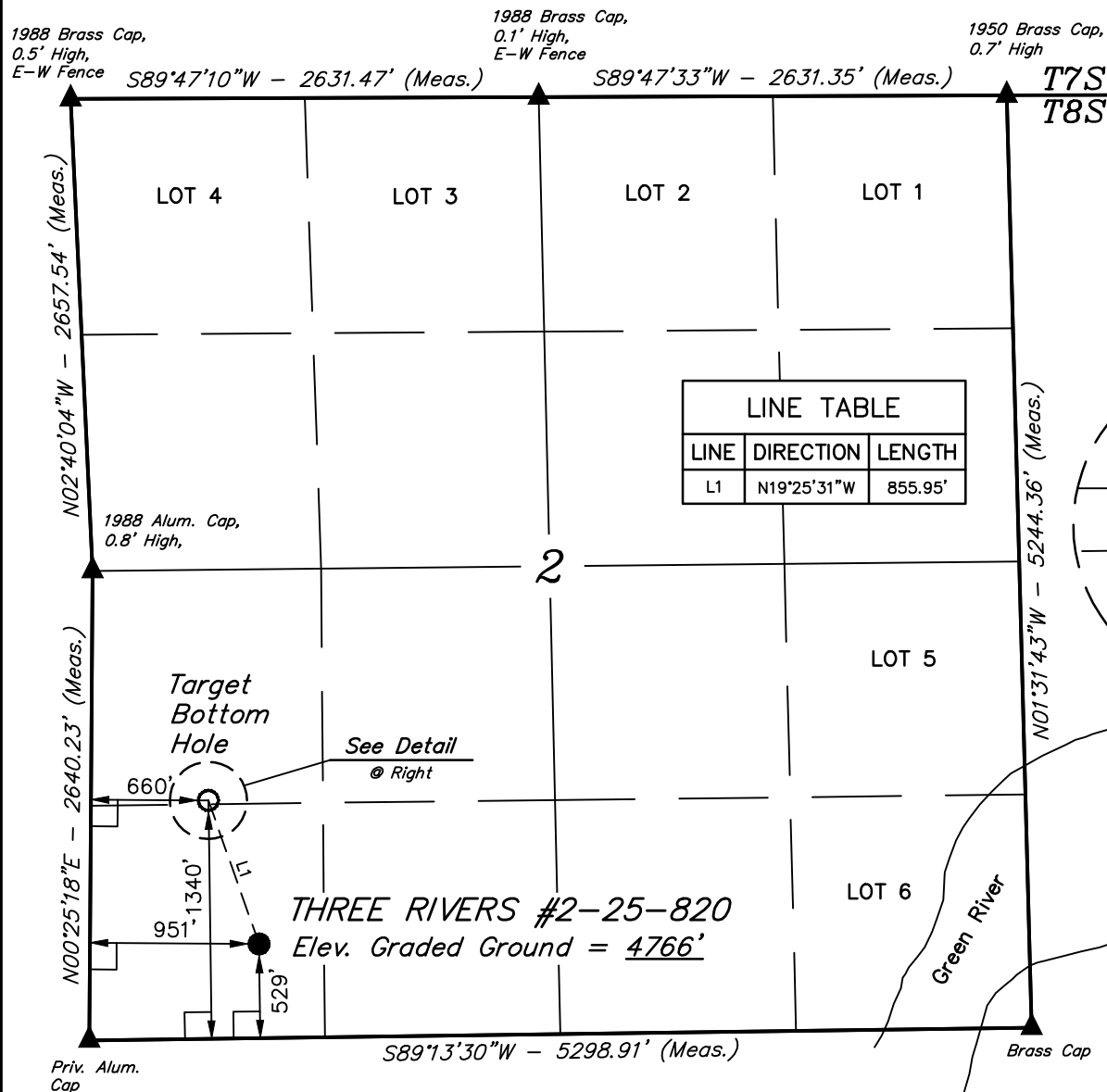
Fields	
STATUS	
Unknown	
ABANDONED	
ACTIVE	
COMBINED	
INACTIVE	
STORAGE	
TERMINATED	





**T8S, R20E, S.L.B.&M.****ULTRA RESOURCES, INC.**

Well location, THREE RIVERS #2-25-820, located as shown in the SW 1/4 of SW 1/4 of Section 2, T8S, R20E, S.L.B.&M., Uintah County, Utah.



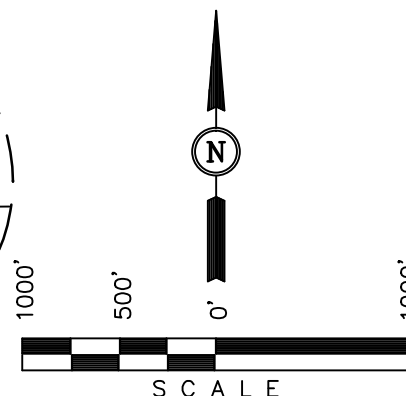
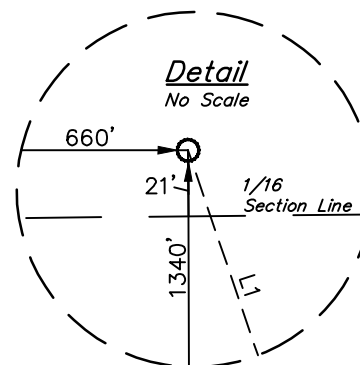
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N19°25'31"W	855.95'

**BASIS OF ELEVATION**

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PART WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

REVISED: 04-24-14

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

**LEGEND:**

└─┘ = 90° SYMBOL

● = AS-DRILLED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

**NAD 83 (TARGET BOTTOM HOLE)**

LATITUDE = 40°08'53.94" (40.148317)  
LONGITUDE = 109°38'33.30" (109.642583)

**NAD 83 (SURFACE LOCATION)**

LATITUDE = 40°08'45.97" (40.146103)  
LONGITUDE = 109°38'29.64" (109.641567)

SCALE  
1" = 1000'

DATE SURVEYED:  
01-29-14

DATE DRAWN:  
03-15-14

PARTY  
C.A. J.F. E.C.

REFERENCES  
G.L.O. PLAT

WEATHER  
COLD

FILE  
ULTRA RESOURCES, INC.

RECEIVED: May. 09, 2014

**ULTRA RESOURCES, INC.**

**MASTER**  
**8 - POINT DRILLING PROGRAM**

**Slim Hole Design**  
**8 5/8" Surface & 5 1/2" Production Casing Design**

**DATED: 05-09-14**

**Directional Wells located on Ultra leases in  
Three Rivers Project:**

**Three Rivers 2-25-820**

**SHL: Sec 2 (SWSW) T8S R20E**

**Uintah, Utah**

**ONSHORE OIL & GAS ORDER NO. 1**  
**Approval of Operations on Onshore**  
**Federal and Indian Oil and Gas Leases**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (CFR 43, Part 3160) and the approved Application for Permit to Drill. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

**1. Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation Top</u>	<u>Top (TVD)</u>	<u>Comments</u>
Uinta	Surface	
BMSW	1,703' MD / 1,700' TVD	
Garden Gulch	4,819' MD / 4,694' TVD	Oil & Associated Gas
Lower Green River*	4,989' MD / 4,864' TVD	Oil & Associated Gas
Wasatch	6,719' MD / 6,594' TVD	Oil & Associated Gas
TD	6,919' MD / 6,794' TVD	

**Asterisks (\*) denotes target pay intervals**

All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished to the BLM. Oil and gas shows will be adequately tested for commercial possibilities, reported and protected by casing and cement.

**2. BOP Equipment**

- A) The BOPE shall be closed whenever the well is unattended The Bureau of Land Management will be notified 24 hours prior to all BOPE pressure tests. The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to all BOPE pressure tests.
- B) The BOPE shall be closed whenever the well is unattended.
- C) As per 43 CFR 3160, Onshore Oil and Gas Order No. 2, Drilling Operations, Part A:
- 1) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
  - 2) Choke Manifold
  - 3) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
  - 4) Two adjustable chokes will be used in the choke manifold.
  - 5) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
  - 6) Pressure gauges in the well control system will be designed for drilling fluid.
- D) BOPE Testing:
- 1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
  - 2) All BOP tests will be performed with a test plug in place.
  - 3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

**INTERVAL**

0 - 1,000' MD / 1,000' TVD  
1,000' MD / 1,000' TVD – 6,919' MD / 6,794' TVD

**BOP EQUIPMENT**

11" Diverter with Rotating Head  
3,000# Ram Double BOP & Annular with  
Diverter & Rotating Head

NOTE: Drilling spool to accommodate choke and kill lines.

**3. Casing and Float Equipment Program****CASING:**

<b>Directional Well</b>	<b>Hole Size</b>	<b>OD</b>	<b>Depth MD/TVD</b>	<b>Wt.</b>	<b>Grade &amp; Connection</b>	<b>Cond.</b>
<b>Surface</b>	11"	8 5/8"	1,000' MD / 1,000' TVD	24.0 ppf	J-55, LTC	New
<b>Production</b>	7 7/8"	5 1/2"	6,919' MD / 6,794' TVD	17.0 ppf	J-55, LTC	New

**CASING SPECIFICATIONS:**

Directional Well	Casing OD	Casing ID / Drift ID	Collapse (psi)	Int. Yield (psi)	Ten. Yield (lb)	Jt. Strength (lb)
Surface	8 5/8"	8.097" / 7.972"	1,370	2,950	381,000	244,000
Production	5 1/2"	4.492" / 4.767"	4,910	5,320'	273,000	229,000

**FLOAT EQUIPMENT:**

SURFACE (8 5/8")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 4<sup>th</sup> joint to surface

PRODUCTION (5 1/2")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 3<sup>rd</sup> joint to 500' into surface casing**4. Cementing Programs****CONDUCTOR (13 3/8")**

Ready Mix – Cement to surface

**SURFACE (8 5/8")**

Cement Top - Surface

Surface – 500'

Lead: 80 sks, Premium Lightweight Cmt w/ additives, 11.5 ppg, 2,97 cf/sk 50% excess

500' – 1,000' MD / 1, 000' TVD± Tail: 115 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

Note: The above volumes are based on a gauge-hole + 50% excess.

**PRODUCTION (5 1/2")**

Cement Top – 500'

500' - 4,000' TVD ±

Lead: 225 sks – Econocem Cement w/ 0.25 lbm Poly-E-Flake, 1% Granulite TR 1/4, 5 lbm Kol-Seal; 11.0 ppg; 3.54 cf/sx; 15% excess

4,000' – 6,919' MD / 6,794' TVD

Tail: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm Granulite TR 1/4, 2 lbm Kol-Seal; 14.0 pp; 1.349 cf/sk; 15% excess

Note: Lead Cement will be brought to 4,000' which will give a minimum of 500' above Lower Green River.

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- C) The Bureau of Land Management will be notified 24 hours prior to running casing and cementing.
- D) As per 43 CFR 3160, Onshore Oil and Gas Order No.2, Drilling Operations, Part B:
  - 1) All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
  - 2) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
  - 3) Progress reports, Form 3160-5 "Sundry Notices and Reports on Wells", shall be filed with the Field Manager within 30 days after the work is completed.
  - 4) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
  - 5) Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
  - 6) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to

the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

## 5. Mud Program

The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Viscosity	Fluid Loss	pH	Mud Wt. (ppg)
0 – 1,000' MD / 1,000' TVD	Water/Spud Mud	32	No Control (NC)	7.0 -8.2	<8.8
1,000' MD / 1,000' TVD - 6,919' MD / 6,794' TVD	DAP System	40 - 60	10 - 18	7.0-8.2	<10.0

- A) For Surface Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.
- B) The mud monitoring equipment on location will be installed by top of Green River and will be able to monitor at a minimum the pit volume totalizer (PVT), stroke counter, and flow sensor
- C) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T' and anchors.

## 6. Evaluation Program - Testing, Logging, and Coring

- A) Cores: None anticipated.
- B) Testing: None anticipated.
- C) Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.
- D) Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.
- E) Mud Logs: None anticipated.
- F) Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

## 7. Anticipated Pressures and H.S.

- A) The expected bottom hole pressure is 3,500 – 3,650 psig. Normal pressures are anticipated from surface to approximately TD. These pressures will be controlled by a blowout preventer stack, annular BOP, choke manifold, mud/gas separator, surface equipment and drilling mud. A supply of barite to weight the mud to a balancing specific gravity, if necessary, will be on location.
- B) Maximum expected surface pressure will be based on the frac gradient of the casing shoe. The design of the casing assumes that the MASP will be the fracture pressure at the shoe less a column of gas.
- C) No hydrogen sulfide gas is anticipated, however if H<sub>2</sub>S is encountered, the guidelines in Onshore Oil and Gas Order No. 6 will be complied with.

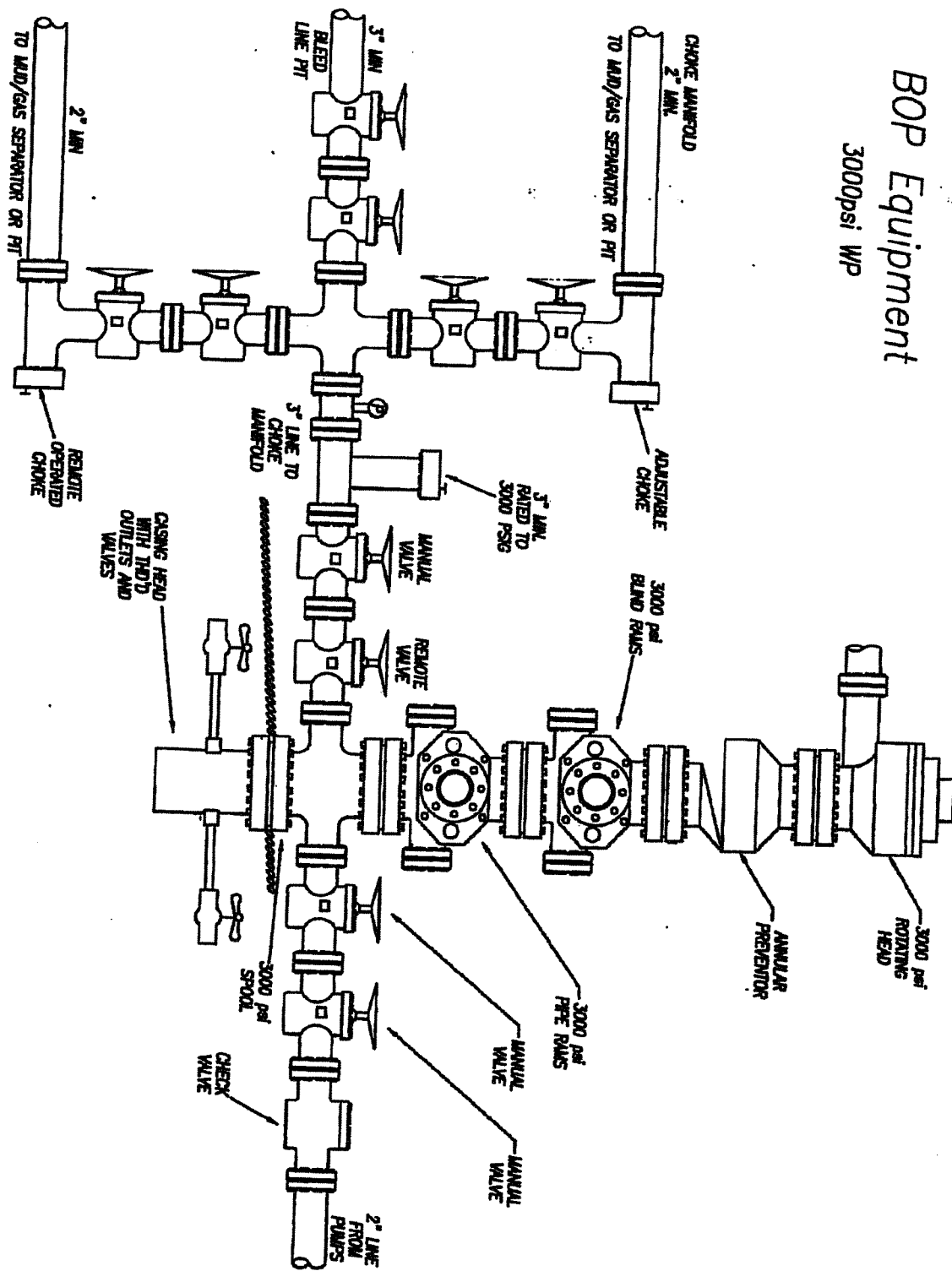
## 8. Other Information and Notification Requirements

- A) There shall be no deviation from the proposed drilling and/or workover program as approved. Any changes in operation must have prior approval from the **Utah Division of Oil, Gas and Mining**, and the BLM Vernal (when drilling on Federal leases).
  - 1) Anticipated starting date will be upon approval. It is anticipated that completion operations will begin within 15 days after the well has been drilled.
  - 2) It is anticipated that the drilling and completion of this well will take approximately 90 days.



- B) Notification Requirements for *Utah Division of Oil, Gas and Mining*:
- *Within 24 hrs. of spud (Carol Daniels at 801/538-5284)*
  - *24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)*
  - *24 hrs. prior to cementing or testing casing (Dan Jarvis)*
  - *Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)*
- C) Notification Requirements BLM Vernal when drilling on Federal leases as follows: (Cade T Taylor @ cctaylor@blm.gov and Blm ut vn opreport@blm.gov:
- *Within 24 hrs. of spud (Carol Daniels at 801/538-5284)*
  - *24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)*
  - *24 hrs. prior to cementing or testing casing (Dan Jarvis)*
  - *Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)*
- D) Any changes in the program must be approved by the *Utah Division of Oil, Gas and Mining* and or the BLM Vernal Office. "Sundry Notices and Reports on Wells" (form 3160-5) must be filed for all changes of plans. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- 1) Should the well be successfully completed for production, the BLM Pinedale Field Office must be notified when it is placed in a producing status. The notification shall provide, as a minimum, the following information items:
- Operator name, address, and telephone number.
  - Well name and number.
  - Well location (1/4 1/4, Section, Township, Range and P.M.)
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located. As appropriate, the unit agreement name, number and participating area name. As appropriate, the communitization agreement number.

# BOP Equipment 3000psi WP

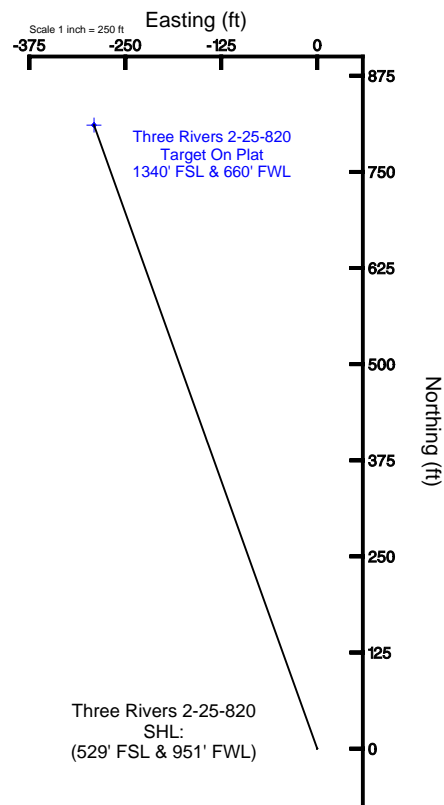


Location:	Three Rivers	Slot:	Three Rivers 2-25-820 (529' FSL & 951' FWL)
Field:	UINTAH COUNTY	Well:	Three Rivers 2-25-820
Facility:	Sec.02-T8S-R20E	Wellbore:	Three Rivers 2-25-820 PWB

Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three Rivers 2-25-62 Target On Plat 1340 FSL & 660' FWL	4818.83	4694.00	811.00	-291.00	2159579.52	7228144.23	40°08'53.984"N	109°38'33.387"W

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	13.00	0.00	340.261	13.00	0.00	0.00	0.00	0.00
End of Tangent	1200.00	0.00	340.261	1200.00	0.00	0.00	0.00	0.00
End of Build (S)	2132.36	18.647	340.261	2115.98	141.55	-50.79	2.00	150.38
End of Tangent (S)	3886.47	18.647	340.261	3778.02	669.45	-240.21	0.00	711.24
End of Drop (S)	4818.83	0.00	340.261	4694.00	811.00	-291.00	2.00	861.63
End of Tangent	6918.83	0.00	340.261	6794.00	811.00	-291.00	0.00	861.63

City Name		Grid East (US B)	Grid North (US B)	Latitude	Longitude
Sec. 02-T8S-02E		2159406.623	7213425.076	40°09'26.4317"N	100°36'34.3070"W
Size	Local (N) (ft)	Local (E) (ft)	Grid East (US B)	Latitude	Longitude
Three Rivers 2-25-02 (USZ FSL & 951' PVL)	4034.38	365.76	2159587.275	40°09'45.5071"N <td>100°36'23.8467"W</td>	100°36'23.8467"W
Rig on Three Rivers 2-25-02 (USZ FSL & 912' PVL) (RT) to Mud line (M) Site: Three Rivers 2-25-02 (USZ FSL & 951' PVL)				4779.8	
Shore Sea Level to Mud line (M) Site: Three Rivers 2-25-02 (USZ FSL & 951' PVL)				06	
Rig on Three Rivers 2-25-02 (USZ FSL & 912' PVL) (RT) to Main Sea Level				4779.8	
Plot reference wellpath is Three Rivers 2-25-02 PVP					
True vertical depths are referenced to Rig on Three Rivers 2-25-02 (USZ FSL & 912' PVL) (RT)			Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US Feet		
Measured depths are referenced to Rig on Three Rivers 2-25-02 (USZ FSL & 912' PVL) (RT)			North Reference: True north		
Rig on Three Rivers 2-25-02 (USZ FSL & 912' PVL) (RT) to Main Sea Level: 4779.8 feet			Scale: True distance		
Shore Sea Level to Mud line (M) Site: Three Rivers 2-25-02 (USZ FSL & 951' PVL) (RT) to Main Sea Level			Coordinate system: WGS84		
Copyrights belong to the reference is 916			Copyright: enigma.com/AR00014		





## Planned Wellpath Report

Three Rivers 2-25-820 PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 2-25-820 (529' FSL & 951' FWL)
Area	Three Rivers	Well	Three Rivers 2-25-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 2-25-820 PWB
Facility	Sec.02-T8S-R20E		

REPORT SETUP INFORMATION			
Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	Ewilliams
Scale	0.999914	Report Generated	4/30/2014 at 3:48:59 PM
Convergence at slot	1.19° East	Database/Source file	WellArchitectDB/Three_Rivers_2-25-820_PWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-4094.38	365.76	2159887.28	7227339.53	40°08'45.970"N	109°38'29.640"W
Facility Reference Pt			2159436.62	7231425.08	40°09'26.431"N	109°38'34.350"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Rig on Three Rivers 2-25-820 (528' FSL & 912' FWL) (RT) to Facility Vertical Datum	4779.00ft
Horizontal Reference Pt	Slot	Rig on Three Rivers 2-25-820 (528' FSL & 912' FWL) (RT) to Mean Sea Level	4779.00ft
Vertical Reference Pt	Rig on Three Rivers 2-25-820 (528' FSL & 912' FWL) (RT)	Rig on Three Rivers 2-25-820 (528' FSL & 912' FWL) (RT) to Mud Line at Slot (Three Rivers 2-25-820 (529' FSL & 951' FWL))	4779.00ft
MD Reference Pt	Rig on Three Rivers 2-25-820 (528' FSL & 912' FWL) (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	340.26°



## Planned Wellpath Report

Three Rivers 2-25-820 PWP

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### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 2-25-820 (529' FSL & 951' FWL)
Area	Three Rivers	Well	Three Rivers 2-25-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 2-25-820 PWB
Facility	Sec.02-T8S-R20E		

### WELLPATH DATA (81 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	340.261	0.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
13.00	0.000	340.261	13.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
113.00†	0.000	340.261	113.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
120.00†	0.000	340.261	120.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	Base Gravel
213.00†	0.000	340.261	213.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
313.00†	0.000	340.261	313.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
413.00†	0.000	340.261	413.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
513.00†	0.000	340.261	513.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
613.00†	0.000	340.261	613.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
713.00†	0.000	340.261	713.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
813.00†	0.000	340.261	813.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
913.00†	0.000	340.261	913.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
1013.00†	0.000	340.261	1013.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
1113.00†	0.000	340.261	1113.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
1200.00	0.000	340.261	1200.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
1213.00†	0.260	340.261	1213.00	0.03	0.03	-0.01	40°08'45.970"N	109°38'29.640"W	2.00	
1313.00†	2.260	340.261	1312.97	2.23	2.10	-0.75	40°08'45.991"N	109°38'29.650"W	2.00	
1413.00†	4.260	340.261	1412.80	7.91	7.45	-2.67	40°08'46.044"N	109°38'29.674"W	2.00	
1513.00†	6.260	340.261	1512.38	17.08	16.08	-5.77	40°08'46.129"N	109°38'29.714"W	2.00	
1613.00†	8.260	340.261	1611.57	29.72	27.97	-10.04	40°08'46.246"N	109°38'29.769"W	2.00	
1702.57†	10.051	340.261	1700.00	43.97	41.39	-14.85	40°08'46.379"N	109°38'29.831"W	2.00	BMSW
1713.00†	10.260	340.261	1710.26	45.81	43.12	-15.47	40°08'46.396"N	109°38'29.839"W	2.00	
1813.00†	12.260	340.261	1808.33	65.33	61.50	-22.07	40°08'46.578"N	109°38'29.924"W	2.00	
1913.00†	14.260	340.261	1905.66	88.27	83.08	-29.81	40°08'46.791"N	109°38'30.024"W	2.00	
2013.00†	16.260	340.261	2002.13	114.59	107.86	-38.70	40°08'47.036"N	109°38'30.138"W	2.00	
2113.00†	18.260	340.261	2097.62	144.26	135.78	-48.72	40°08'47.312"N	109°38'30.267"W	2.00	
2132.36	18.647	340.261	2115.98	150.38	141.55	-50.79	40°08'47.369"N	109°38'30.294"W	2.00	
2213.00†	18.647	340.261	2192.39	176.17	165.82	-59.50	40°08'47.609"N	109°38'30.406"W	0.00	
2313.00†	18.647	340.261	2287.14	208.14	195.91	-70.30	40°08'47.906"N	109°38'30.545"W	0.00	
2413.00†	18.647	340.261	2381.90	240.12	226.01	-81.10	40°08'48.203"N	109°38'30.684"W	0.00	
2513.00†	18.647	340.261	2476.65	272.09	256.10	-91.89	40°08'48.501"N	109°38'30.823"W	0.00	
2613.00†	18.647	340.261	2571.40	304.07	286.20	-102.69	40°08'48.798"N	109°38'30.962"W	0.00	
2713.00†	18.647	340.261	2666.15	336.04	316.29	-113.49	40°08'49.096"N	109°38'31.101"W	0.00	
2813.00†	18.647	340.261	2760.90	368.01	346.39	-124.29	40°08'49.393"N	109°38'31.241"W	0.00	
2913.00†	18.647	340.261	2855.65	399.99	376.48	-135.09	40°08'49.690"N	109°38'31.380"W	0.00	
3013.00†	18.647	340.261	2950.40	431.96	406.58	-145.89	40°08'49.988"N	109°38'31.519"W	0.00	
3113.00†	18.647	340.261	3045.15	463.93	436.67	-156.69	40°08'50.285"N	109°38'31.658"W	0.00	
3213.00†	18.647	340.261	3139.90	495.91	466.77	-167.48	40°08'50.583"N	109°38'31.797"W	0.00	
3313.00†	18.647	340.261	3234.65	527.88	496.87	-178.28	40°08'50.880"N	109°38'31.936"W	0.00	
3413.00†	18.647	340.261	3329.40	559.86	526.96	-189.08	40°08'51.177"N	109°38'32.075"W	0.00	
3513.00†	18.647	340.261	3424.15	591.83	557.06	-199.88	40°08'51.475"N	109°38'32.214"W	0.00	
3613.00†	18.647	340.261	3518.90	623.80	587.15	-210.68	40°08'51.772"N	109°38'32.353"W	0.00	
3713.00†	18.647	340.261	3613.65	655.78	617.25	-221.48	40°08'52.070"N	109°38'32.492"W	0.00	
3813.00†	18.647	340.261	3708.40	687.75	647.34	-232.28	40°08'52.367"N	109°38'32.631"W	0.00	
3886.47	18.647	340.261	3778.02	711.24	669.45	-240.21	40°08'52.586"N	109°38'32.733"W	0.00	



## Planned Wellpath Report

Three Rivers 2-25-820 PWP

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### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 2-25-820 (529' FSL & 951' FWL)
Area	Three Rivers	Well	Three Rivers 2-25-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 2-25-820 PWB
Facility	Sec.02-T8S-R20E		

### WELLPATH DATA (81 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
3913.00†	18.117	340.261	3803.19	719.61	677.33	-243.04	40°08'52.663"N	109°38'32.770"W	2.00	
4013.00†	16.117	340.261	3898.76	749.04	705.03	-252.98	40°08'52.937"N	109°38'32.898"W	2.00	
4113.00†	14.117	340.261	3995.29	775.12	729.57	-261.78	40°08'53.180"N	109°38'33.011"W	2.00	
4204.12†	12.294	340.261	4084.00	795.93	749.16	-268.81	40°08'53.373"N	109°38'33.102"W	2.00	Mahogany
4213.00†	12.117	340.261	4092.68	797.81	750.93	-269.45	40°08'53.391"N	109°38'33.110"W	2.00	
4313.00†	10.117	340.261	4190.80	817.09	769.08	-275.96	40°08'53.570"N	109°38'33.194"W	2.00	
4413.00†	8.117	340.261	4289.53	832.93	783.99	-281.31	40°08'53.717"N	109°38'33.263"W	2.00	
4513.00†	6.117	340.261	4388.76	845.32	795.65	-285.49	40°08'53.833"N	109°38'33.316"W	2.00	
4613.00†	4.117	340.261	4488.35	854.24	804.04	-288.50	40°08'53.916"N	109°38'33.355"W	2.00	
4713.00†	2.117	340.261	4588.20	859.67	809.16	-290.34	40°08'53.966"N	109°38'33.379"W	2.00	
4813.00†	0.117	340.261	4688.17	861.62	810.99	-291.00	40°08'53.984"N	109°38'33.387"W	2.00	
4818.83	0.000	340.261	4694.00†	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	2.00	Garden Gulch
4913.00†	0.000	340.261	4788.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
4988.83†	0.000	340.261	4864.00	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	Lower Green River
5013.00†	0.000	340.261	4888.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
5113.00†	0.000	340.261	4988.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
5213.00†	0.000	340.261	5088.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
5313.00†	0.000	340.261	5188.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
5413.00†	0.000	340.261	5288.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
5513.00†	0.000	340.261	5388.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
5613.00†	0.000	340.261	5488.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
5713.00†	0.000	340.261	5588.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
5813.00†	0.000	340.261	5688.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
5913.00†	0.000	340.261	5788.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
6013.00†	0.000	340.261	5888.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
6113.00†	0.000	340.261	5988.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
6213.00†	0.000	340.261	6088.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
6313.00†	0.000	340.261	6188.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
6413.00†	0.000	340.261	6288.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
6513.00†	0.000	340.261	6388.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
6613.00†	0.000	340.261	6488.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
6713.00†	0.000	340.261	6588.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
6718.83†	0.000	340.261	6594.00	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	Wasatch
6813.00†	0.000	340.261	6688.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
6913.00†	0.000	340.261	6788.17	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	
6918.83	0.000	340.261	6794.00	861.63	811.00	-291.00	40°08'53.984"N	109°38'33.387"W	0.00	TD



## Planned Wellpath Report

Three Rivers 2-25-820 PWP

Page 4 of 5



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 2-25-820 (529' FSL & 951' FWL)
Area	Three Rivers	Well	Three Rivers 2-25-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 2-25-820 PWB
Facility	Sec.02-T8S-R20E		

### HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers 2-25-820 PWB Ref Wellpath: Three Rivers 2-25-820 PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
16in Conductor	13.00	120.00	107.00	13.00	120.00	0.00	0.00	0.00	0.00
12.25in Open Hole	120.00	1000.00	880.00	120.00	1000.00	0.00	0.00	0.00	0.00
8.625in Casing Surface	13.00	1000.00	987.00	13.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	6918.83	5918.83	1000.00	6794.00	0.00	0.00	811.00	-291.00
5.5in Casing Production	13.00	6918.83	6905.83	13.00	6794.00	0.00	0.00	811.00	-291.00

### TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) Three Rivers 2-25-820 Target On Plat 1340' FSL & 660' FWL	4818.83	4694.00	811.00	-291.00	2159579.52	7228144.23	40°08'53.984"N	109°38'33.387"W	point

**Planned Wellpath Report**

Three Rivers 2-25-820 PWP

Page 5 of 5

**REFERENCE WELLPATH IDENTIFICATION**

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 2-25-820 (529' FSL & 951' FWL)
Area	Three Rivers	Well	Three Rivers 2-25-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 2-25-820 PWB
Facility	Sec.02-T8S-R20E		

**WELLPATH COMMENTS**

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
120.00	0.000	340.261	120.00	Base Gravel
1702.57	10.051	340.261	1700.00	BMSW
4204.12	12.294	340.261	4084.00	Mahogany
4818.83	0.000	340.261	4694.00	Garden Gulch
4988.83	0.000	340.261	4864.00	Lower Green River
6718.83	0.000	340.261	6594.00	Wasatch
6918.83	0.000	340.261	6794.00	TD





# Ultra Resources, Inc.

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May 9, 2014

Mr. Dustin Doucet  
Utah Division of Oil, Gas & Mining  
1594 West North Temple  
Salt Lake City, Utah 84116

RE: Request for Exception to Spacing

**Three Rivers 2-25-820**

Surface Location: 529' FSL & 951' FWL, SWSW, Sec. 2, T8S, R20E

Target Location: 1340' FSL & 660' FWL, NWSW, Sec. 2, T8S, R20E

SLB&M, Uintah County, Utah

Dear Mr. Doucet:

Ultra Resources, Inc. ("Ultra") respectfully submits this request for exception to spacing (**Docket No. 2013-030 / Cause No. 270-02**) based on geology since the well is located less than 100 feet to the drilling unit boundary.

The adjacent drilling unit boundary is covered by the same lease and has the identical production interest owners in it.

Ultra owns 100% of the leasehold within 460 feet of the surface and target location as well as all points along the intended well bore path.

Thank you very much for your timely consideration of this application. Please feel free to contact me at 303-645-9810 should you have any questions or need additional information.

Sincerely,

Debbie Ghani  
Sr. Permitting Specialist

/dg

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-49318
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> ULTRA RESOURCES INC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 304 Inverness Way South #295, Englewood, CO, 80112		<b>8. WELL NAME and NUMBER:</b> THREE RIVERS 2-25-820
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0529 FSL 0951 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 02 Township: 08.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047526900000
<b>PHONE NUMBER:</b> 303 645-9810 Ext		<b>9. FIELD and POOL or WILDCAT:</b> THREE RIVERS
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 7/14/2014	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Ultra Resources will be moving in ProPetro to spud the Three Rivers 2-25-820 (API# 43-047-52690) on 7/14/2014.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> July 16, 2014		
<b>NAME (PLEASE PRINT)</b> Jenna Anderson	<b>PHONE NUMBER</b> 303 645-9804	<b>TITLE</b> Permitting Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/14/2014	

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Phone Number 435-828-5550  
Well Name/Number Three Rivers 02-25-820  
Qtr/Qtr SW-SW Section 2 Township ~~7~~8S Range ~~20~~E  
Lease Serial Number ML-49318  
API Number 43047526900000

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 07/24/2014 00:30 AM ☒  
PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☒ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 07/25/2014 @00:30 X AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time 07/21/2014 @ 4:00 AM ☒ PM ☐

Remarks PLEASE CALL (435) 828-5550 W/QUESTIONS

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-49318
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> ULTRA RESOURCES INC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 304 Inverness Way South #295 , Englewood, CO, 80112		<b>8. WELL NAME and NUMBER:</b> THREE RIVERS 2-25-820
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0529 FSL 0951 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 02 Township: 08.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047526900000
<b>PHONE NUMBER:</b> 303 645-9810 Ext		<b>9. FIELD and POOL or WILDCAT:</b> THREE RIVERS
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/5/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 Monthly status report of drilling and completion attached.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 August 08, 2014

<b>NAME (PLEASE PRINT)</b> Jenna Anderson	<b>PHONE NUMBER</b> 303 645-9804	<b>TITLE</b> Permitting Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/5/2014	

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/10/2014

WELL NAME

THREE RIVERS 2-25-820

AFE#

140755

SPUD DATE

07/21/2014

WELL SITE CONSULTANT

KING BROWN

PHONE#

435-828-5550

CONTRACTOR

Other

TD AT REPORT

(no data)

FOOTAGE

PRATE

CUM. DRLG. HRS

DRLG DAYS SINCE SPUD

0

ANTICIPATED TD

PRESENT OPS

(nothing recorded)

GEOLOGIC SECT.

DAILY MUD LOSS

SURF:

DH:

CUM. MUD LOSS

SURF:

DH:

MUD COMPANY:

MUD ENGINEER:

LAST BOP TEST

NEXT CASING SIZE

NEXT CASING DEPTH

SSE

SSED

AFE Days vs Depth:

AFE Cost Vs Depth:

DWOP Days vs Depth:

# LL/BP Received Today:

RECENT BITS:

BIT

SIZE

MANUF

TYPE

SERIAL NO.

JETS

TFA

DEPTH IN

DEPTH OUT

I-O-D-L-B-G-O-R

BIT OPERATIONS:

BIT

WOB

RPM

GPM

PRESS

HHP

HRS

24hr DIST

24HR ROP

CUM HRS

CUM DIST

CUM ROP

RECENT MUD MOTORS:

#

SIZE

MANUF

TYPE

SERIAL NO.

LOBES

DEPTH IN

DEPTH OUT

DATE IN

DATE OUT

MUD MOTOR OPERATIONS:

#

WOB

REV/GAL

HRS

24hr DIST

24HR ROP

CUM HRS

CUM DIST

CUM ROP

SURVEYS

Date

TMD

Incl

Azimuth

TVD

VS

NS

EW

DLS

Tool Type

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

Pump 2 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

Pump 32 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

BHA Makeup

Length

Hours on BHA

Up Weight

Dn Weight

RT Weight

Torque

Hours on Motor

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees		13,155	4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa			9,000
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		375	146,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			15,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte			20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		107		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			28,000
8200..605: Cementing Work			25,000	8210..600: Production Casing			50,000
8210..620: Wellhead/Casing Hea			12,000	Total Cost		13,637	674,000



ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/13/2014

WELL NAME

THREE RIVERS 2-25-820

AFE#

140755

SPUD DATE

07/21/2014

WELL SITE CONSULTANT

KING BROWN

PHONE#

435-828-5550

CONTRACTOR

Other

TD AT REPORT

(no data)

FOOTAGE

PRATE

CUM. DRLG. HRS

DRLG DAYS SINCE SPUD

0

ANTICIPATED TD

PRESENT OPS

(nothing recorded)

GEOLOGIC SECT.

DAILY MUD LOSS

SURF:

DH:

CUM. MUD LOSS

SURF:

DH:

MUD COMPANY:

MUD ENGINEER:

LAST BOP TEST

NEXT CASING SIZE

NEXT CASING DEPTH

SSE

SSED

AFE Days vs Depth:

AFE Cost Vs Depth:

DWOP Days vs Depth:

# LL/BP Received Today:

RECENT BITS:											
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R		
BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

RECENT MUD MOTORS:										
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT	
MUD MOTOR OPERATIONS:										
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP		

SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

Pump 2 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

Pump 32 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

BHA Makeup

Length

Hours on BHA

Up Weight

0

Dn Weight

0

RT Weight

0

Torque

0

Hours on Motor

DAILY COSTS				DAILY	CUM	AFE					DAILY	CUM	AFE
8100..100: Permits & Fees					13,155	4,500	8100..105: Insurance						2,000
8100..110: Staking & Surveying						1,500	8100..120: Surface Damages & R						
8100..200: Location Roads						50,000	8100..210: Reclamation						
8100..220: Secondary Reclamati							8100..230: Pit Solidification						5,000
8100..300: Water Well							8100..310: Water/Water Disposa						9,000
8100..320: Mud & Chemicals						45,000	8100..325: Oil Base Mud Diesel						
8100..400: Drilling Rig					375	146,000	8100..402: Drilling Rig Cleani						
8100..405: Rig Fuel						40,000	8100..410: Mob/Demob						15,000
8100..420: Bits & Reamers						15,500	8100..500: Roustabout Services						7,000
8100..510: Testing/Inspection/						5,000	8100..520: Trucking & Hauling						10,000
8100..530: Equipment Rental						25,000	8100..531: Down Hole Motor Ren						1,500
8100..532: Solids Control Equi						7,000	8100..535: Directional Drillin						76,000
8100..540: Fishing							8100..600: Surface Casing/Inte						20,000
8100..605: Cementing Work						25,000	8100..610: P & A						
8100..700: Logging - Openhole						15,000	8100..705: Logging - Mud						
8100..800: Supervision/Consult						25,000	8100..810: Engineering/Evaluat						
8100..900: Contingencies					107		8100..950: Administrative O/H						
8100..999: Non Operated IDC							8200..510: Testing/Inspection/						2,000
8200..520: Trucking & Hauling						7,000	8200..530: Equipment Rental						28,000
8200..605: Cementing Work						25,000	8210..600: Production Casing						50,000
8210..620: Wellhead/Casing Hea						12,000	Total Cost					13,637	674,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/14/2014

WELL NAME	THREE RIVERS 2-25-820		AFE#	140755		SPUD DATE	07/21/2014	
WELL SITE CONSULTANT	KING BROWN		PHONE#	435-828-5550		CONTRACTOR	Other	
TD AT REPORT	(no data)	FOOTAGE	PRATE	CUM. DRLG. HRS		DRLG DAYS SINCE SPUD	0	
ANTICIPATED TD		PRESENT OPS	(nothing recorded)			GEOLOGIC SECT.		
DAILY MUD LOSS	SURF:		DH:		CUM. MUD LOSS	SURF:		DH:
MUD COMPANY:				MUD ENGINEER:				
LAST BOP TEST		NEXT CASING SIZE		NEXT CASING DEPTH		SSE		SSED

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg				
Conductor	07/14/2014	16	ARJ-55	45	120						
RECENT BITS:											
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R		
BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			
SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		

SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
Pump 2 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup								Length				Hours on BHA	0
Up Weight	0	Dn Weight	0	RT Weight	0			Torque	0			Hours on Motor	

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees		13,155	4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamat				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Dispos			9,000
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		375	146,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			15,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte			20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		107		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			28,000
8200..605: Cementing Work			25,000	8210..600: Production Casing			50,000
8210..620: Wellhead/Casing Hea			12,000	Total Cost		13,637	674,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/15/2014

WELL NAME

THREE RIVERS 2-25-820

AFE#

140755

SPUD DATE

07/21/2014

WELL SITE CONSULTANT

KING BROWN

PHONE#

435-828-5550

CONTRACTOR

Other

TD AT REPORT

(no data)

FOOTAGE

PRATE

CUM. DRLG. HRS

DRLG DAYS SINCE SPUD

0

ANTICIPATED TD

PRESENT OPS

(nothing recorded)

GEOLOGIC SECT.

DAILY MUD LOSS

SURF:

DH:

CUM. MUD LOSS

SURF:

DH:

MUD COMPANY:

MUD ENGINEER:

LAST BOP TEST

NEXT CASING SIZE

NEXT CASING DEPTH

SSE

SSED

AFE Days vs Depth:

AFE Cost Vs Depth:

DWOP Days vs Depth:

# LL/BP Received Today:

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth	FIT ppg	
Conductor			07/14/2014		16	ARJ-55	45	120			
RECENT BITS:											
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE		SERIAL NO.		LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS		24hr DIST		24HR ROP		CUM HRS	CUM DIST	CUM ROP
SURVEYS											
Date	TMD	Incl	Azimuth		TVD	VS	NS	EW	DLS	Tool Type	

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

Pump 2 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

Pump 32 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

BHA Makeup

Length

Hours on BHA

Up Weight

0

Dn Weight

0

RT Weight

0

Torque

0

Hours on Motor

DAILY COSTS		DAILY	CUM	AFE	DAILY		CUM	AFE
8100..100: Permits & Fees			13,155	4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying				1,500	8100..120: Surface Damages & R			
8100..200: Location Roads				50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati					8100..230: Pit Solidification			5,000
8100..300: Water Well					8100..310: Water/Water Dispos			9,000
8100..320: Mud & Chemicals				45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig			375	146,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel				40,000	8100..410: Mob/Demob			15,000
8100..420: Bits & Reamers				15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/				5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental				25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi				7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing					8100..600: Surface Casing/Inte			20,000
8100..605: Cementing Work				25,000	8100..610: P & A			
8100..700: Logging - Openhole				15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult				25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies			107		8100..950: Administrative O/H			
8100..999: Non Operated IDC					8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling				7,000	8200..530: Equipment Rental			28,000
8200..605: Cementing Work				25,000	8210..600: Production Casing			50,000
8210..620: Wellhead/Casing Hea				12,000	Total Cost		13,637	674,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/16/2014

WELL NAME

THREE RIVERS 2-25-820

AFE#

140755

SPUD DATE

07/21/2014

WELL SITE CONSULTANT

KING BROWN

PHONE#

435-828-5550

CONTRACTOR

Other

TD AT REPORT

(no data)

FOOTAGE

PRATE

CUM. DRLG. HRS

DRLG DAYS SINCE SPUD

0

ANTICIPATED TD

PRESENT OPS

(nothing recorded)

GEOLOGIC SECT.

DAILY MUD LOSS

SURF:

DH:

CUM. MUD LOSS

SURF:

DH:

MUD COMPANY:

MUD ENGINEER:

LAST BOP TEST

NEXT CASING SIZE

NEXT CASING DEPTH

SSE

SSED

AFE Days vs Depth:

AFE Cost Vs Depth:

DWOP Days vs Depth:

# LL/BP Received Today:

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth	FIT ppg		
Conductor			07/14/2014		16	ARJ-55	45	120				
RECENT BITS:												
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R		
BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES		DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP		CUM HRS	CUM DIST	CUM ROP			
SURVEYS												
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type			

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

Pump 2 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

Pump 32 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

BHA Makeup

Length

Hours on BHA

Up Weight

0

Dn Weight

0

RT Weight

0

Torque

0

Hours on Motor

DAILY COSTS			DAILY	CUM	AFE	DAILY			DAILY	CUM	AFE
8100..100: Permits & Fees				13,155	4,500	8100..105: Insurance					2,000
8100..110: Staking & Surveying					1,500	8100..120: Surface Damages & R					
8100..200: Location Roads					50,000	8100..210: Reclamation					
8100..220: Secondary Reclamati						8100..230: Pit Solidification					5,000
8100..300: Water Well						8100..310: Water/Water Disposa					9,000
8100..320: Mud & Chemicals					45,000	8100..325: Oil Base Mud Diesel					
8100..400: Drilling Rig				375	146,000	8100..402: Drilling Rig Cleani					
8100..405: Rig Fuel					40,000	8100..410: Mob/Demob					15,000
8100..420: Bits & Reamers					15,500	8100..500: Roustabout Services					7,000
8100..510: Testing/Inspection/					5,000	8100..520: Trucking & Hauling					10,000
8100..530: Equipment Rental					25,000	8100..531: Down Hole Motor Ren					1,500
8100..532: Solids Control Equi					7,000	8100..535: Directional Drillin					76,000
8100..540: Fishing						8100..600: Surface Casing/Inte			15,747	15,747	20,000
8100..605: Cementing Work					25,000	8100..610: P & A					
8100..700: Logging - Openhole					15,000	8100..705: Logging - Mud					
8100..800: Supervision/Consult					25,000	8100..810: Engineering/Evaluat					
8100..900: Contingencies				107		8100..950: Administrative O/H					
8100..999: Non Operated IDC						8200..510: Testing/Inspection/					2,000
8200..520: Trucking & Hauling					7,000	8200..530: Equipment Rental					28,000
8200..605: Cementing Work			35,848	35,848	25,000	8210..600: Production Casing					50,000
8210..620: Wellhead/Casing Hea					12,000	Total Cost			51,595	65,231	674,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/17/2014

WELL NAME

THREE RIVERS 2-25-820

AFE#

140755

SPUD DATE

07/21/2014

WELL SITE CONSULTANT

KING BROWN

PHONE#

435-828-5550

CONTRACTOR

Other

TD AT REPORT

(no data)

FOOTAGE

PRATE

CUM. DRLG. HRS

DRLG DAYS SINCE SPUD

0

ANTICIPATED TD

PRESENT OPS

(nothing recorded)

GEOLOGIC SECT.

DAILY MUD LOSS

SURF:

DH:

CUM. MUD LOSS

SURF:

DH:

MUD COMPANY:

MUD ENGINEER:

LAST BOP TEST

NEXT CASING SIZE

NEXT CASING DEPTH

SSE

SSED

AFE Days vs Depth:

AFE Cost Vs Depth:

DWOP Days vs Depth:

# LL/BP Received Today:

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth		FIT ppg	
Conductor			07/14/2014		16	ARJ-55	45	120				
RECENT BITS:												
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R		
BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE		SERIAL NO.		LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT	
MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL	HRS		24hr DIST		24HR ROP	CUM HRS	CUM DIST	CUM ROP		
SURVEYS												
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type			

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

Pump 2 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

Pump 32 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

BHA Makeup

Length

Hours on BHA

Up Weight

Dn Weight

RT Weight

Torque

Hours on Motor

DAILY COSTS			DAILY	CUM	AFE	DAILY			DAILY	CUM	AFE
8100..100: Permits & Fees				13,155	4,500	8100..105: Insurance					2,000
8100..110: Staking & Surveying					1,500	8100..120: Surface Damages & R					
8100..200: Location Roads					50,000	8100..210: Reclamation					
8100..220: Secondary Reclamati						8100..230: Pit Solidification					5,000
8100..300: Water Well						8100..310: Water/Water Disposa					9,000
8100..320: Mud & Chemicals					45,000	8100..325: Oil Base Mud Diesel					
8100..400: Drilling Rig				375	146,000	8100..402: Drilling Rig Cleani					
8100..405: Rig Fuel					40,000	8100..410: Mob/Demob					15,000
8100..420: Bits & Reamers					15,500	8100..500: Roustabout Services					7,000
8100..510: Testing/Inspection/					5,000	8100..520: Trucking & Hauling					10,000
8100..530: Equipment Rental					25,000	8100..531: Down Hole Motor Ren					1,500
8100..532: Solids Control Equi					7,000	8100..535: Directional Drillin					76,000
8100..540: Fishing						8100..600: Surface Casing/Inte				15,747	20,000
8100..605: Cementing Work					25,000	8100..610: P & A					
8100..700: Logging - Openhole					15,000	8100..705: Logging - Mud					
8100..800: Supervision/Consult					25,000	8100..810: Engineering/Evaluat					
8100..900: Contingencies				107		8100..950: Administrative O/H					
8100..999: Non Operated IDC						8200..510: Testing/Inspection/					2,000
8200..520: Trucking & Hauling					7,000	8200..530: Equipment Rental					28,000
8200..605: Cementing Work				35,848	25,000	8210..600: Production Casing					50,000
8210..620: Wellhead/Casing Hea					12,000	Total Cost				65,231	674,000



ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/18/2014

WELL NAME

THREE RIVERS 2-25-820

AFE#

140755

SPUD DATE

07/21/2014

WELL SITE CONSULTANT

KING BROWN

PHONE#

435-828-5550

CONTRACTOR

Other

TD AT REPORT

(no data)

FOOTAGE

PRATE

CUM. DRLG. HRS

DRLG DAYS SINCE SPUD

0

ANTICIPATED TD

PRESENT OPS

(nothing recorded)

GEOLOGIC SECT.

DAILY MUD LOSS

SURF:

DH:

CUM. MUD LOSS

SURF:

DH:

MUD COMPANY:

MUD ENGINEER:

LAST BOP TEST

NEXT CASING SIZE

NEXT CASING DEPTH

SSE

SSED

AFE Days vs Depth:

AFE Cost Vs Depth:

DWOP Days vs Depth:

# LL/BP Received Today:

CEMENT JOB SUMMARY  
PLUG DID NOT BUMP. 27 BBL TO SURFACE.

RECENT CASINGS RUN:

Date Set

Size

Grade

Weight

Depth

FIT Depth

FIT ppg

Surface

07/18/2014

8 5/8

J-55

24

1,017

Conductor

07/14/2014

16

ARJ-55

45

120

RECENT BITS:

BIT

SIZE

MANUF

TYPE

SERIAL NO.

JETS

TFA

DEPTH IN

DEPTH OUT

I-O-D-L-B-G-O-R

BIT OPERATIONS:

BIT

WOB

RPM

GPM

PRESS

HHP

HRS

24hr DIST

24HR ROP

CUM HRS

CUM DIST

CUM ROP

RECENT MUD MOTORS:

#

SIZE

MANUF

TYPE

SERIAL NO.

LOBES

DEPTH IN

DEPTH OUT

DATE IN

DATE OUT

MUD MOTOR OPERATIONS:

#

WOB

REV/GAL

HRS

24hr DIST

24HR ROP

CUM HRS

CUM DIST

CUM ROP

SURVEYS

Date

TMD

Incl

Azimuth

TVD

VS

NS

EW

DLS

Tool Type

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

Pump 2 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

Pump 32 Liner

Stroke Len

SPM

PSI

GPM

SPR

Slow PSI

BHA Makeup

Length

Hours on BHA

Up Weight

0

Dn Weight

0

RT Weight

0

Torque

0

Hours on Motor

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees		13,155	4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa			9,000
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		375	146,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			15,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		15,747	20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		107		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			28,000
8200..605: Cementing Work		35,848	25,000	8210..600: Production Casing			50,000
8210..620: Wellhead/Casing Hea			12,000	Total Cost		65,231	674,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/19/2014

WELL NAME

THREE RIVERS 2-25-820

AFE#

140755

SPUD DATE

07/21/2014

WELL SITE CONSULTANT

KING BROWN

PHONE#

435-828-5550

CONTRACTOR

Other

TD AT REPORT

(no data)

FOOTAGE

PRATE

CUM. DRLG. HRS

DRLG DAYS SINCE SPUD

0

ANTICIPATED TD

PRESENT OPS

(nothing recorded)

GEOLOGIC SECT.

DAILY MUD LOSS

SURF:

DH:

CUM. MUD LOSS

SURF:

DH:

MUD COMPANY:

MUD ENGINEER:

LAST BOP TEST

NEXT CASING SIZE

NEXT CASING DEPTH

SSE

SSED

AFE Days vs Depth:

DWOP Days vs Depth:

AFE Cost Vs Depth:

# LL/BP Received Today:

CEMENT JOB SUMMARY  
PLUG DID NOT BUMP. 27 BBL TO SURFACE.

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth		FIT ppg	
Surface			07/18/2014		8 5/8	J-55	24	1,017				
Conductor			07/14/2014		16	ARJ-55	45	120				
RECENT BITS:												
BIT	SIZE	MANUF	TYPE	SERIAL NO.		JETS		TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE		SERIAL NO.		LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT	
MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL	HRS		24hr DIST		24HR ROP	CUM HRS	CUM DIST	CUM ROP		
SURVEYS												
Date	TMD	Incl	Azimuth		TVD	VS	NS	EW	DLS	Tool Type		

SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner	_____	Stroke Len	_____	SPM	_____	PSI	_____	GPM	_____	SPR	_____	Slow PSI	_____
Pump 2 Liner	_____	Stroke Len	_____	SPM	_____	PSI	_____	GPM	_____	SPR	_____	Slow PSI	_____
Pump 32 Liner	_____	Stroke Len	_____	SPM	_____	PSI	_____	GPM	_____	SPR	_____	Slow PSI	_____
BHA Makeup								Length				Hours on BHA	0
Up Weight	0	Dn Weight	0	RT Weight	0			Torque	0			Hours on Motor	_____

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees		13,155	4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads	1,050	1,050	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	2,737	2,737	9,000
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		375	146,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel	13,009	13,009	40,000	8100..410: Mob/Demob	1,720	1,720	15,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		15,747	20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		107		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			28,000
8200..605: Cementing Work		35,848	25,000	8210..600: Production Casing			50,000
8210..620: Wellhead/Casing Hea			12,000	Total Cost	18,516	83,747	674,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/20/2014

WELL NAME	THREE RIVERS 2-25-820		AFE#	140755		SPUD DATE	07/21/2014		
WELL SITE CONSULTANT	KING BROWN		PHONE#	435-828-5550		CONTRACTOR	Other		
TD AT REPORT	1,016'	FOOTAGE	0'	PRATE	CUM. DRLG. HRS	DRLG DAYS SINCE SPUD	0		
ANTICIPATED TD	PRESENT OPS		Pressure Test BOP at 1,016'			GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	DH:		CUM. MUD LOSS		SURF:	DH:		
MUD COMPANY:				MUD ENGINEER:					
LAST BOP TEST	NEXT CASING SIZE		5 1/2	NEXT CASING DEPTH		6,820	SSE	2	SSED

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg		
Surface	07/18/2014	8 5/8	J-55	24	1,017				
Conductor	07/14/2014	16	ARJ-55	45	120				

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	

BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		

MUD MOTOR OPERATIONS:										
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP		

SURVEYS										
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type	

SURFACE PUMP/BHA INFORMATION											
Pump 1 Liner	Stroke Len		SPM		PSI		GPM		SPR		Slow PSI
Pump 2 Liner	Stroke Len		SPM		PSI		GPM		SPR		Slow PSI
Pump 32 Liner	Stroke Len		SPM		PSI		GPM		SPR		Slow PSI
BHA Makeup							Length			Hours on BHA	0
Up Weight	0	Dn Weight	0	RT Weight	0		Torque	0		Hours on Motor	

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees		13,155	4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		1,050	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Dispos	2,737	9,000	
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		375	146,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		13,009	40,000	8100..410: Mob/Demob	1,720	15,000	
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	15,747	20,000	
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		107		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			28,000
8200..605: Cementing Work		35,848	25,000	8210..600: Production Casing			50,000
8210..620: Wellhead/Casing Hea			12,000	Total Cost		83,747	674,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/21/2014

WELL NAME	THREE RIVERS 2-25-820			AFE#	140755	SPUD DATE	07/21/2014		
WELL SITE CONSULTANT	KING BROWN			PHONE#	435-828-5550	CONTRACTOR	Capstar 321		
TD AT REPORT	1,016'	FOOTAGE	0'	PRATE		CUM. DRLG. HRS		DRLG DAYS SINCE SPUD	0
ANTICIPATED TD		PRESENT OPS	Pressure Test BOP at 1,016'			GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:		DH:		CUM. MUD LOSS	SURF:		DH:	
MUD COMPANY:	ANCHOR			MUD ENGINEER:	DAN KASTEL				
LAST BOP TEST	07/21/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH	6,820	SSE	2	SSED	

TIME BREAKDOWN									
	PRESSURE TEST B.O.P.	6.00		RIG MOVE	7.50		RIG UP / TEAR DOWN	4.50	

DETAILS				
Start	End	Hrs		
12:00	19:30	07:30	MOVE IN AND RIG-UP.	
19:30	00:00	04:30	PULL WIRES, NIPPLE-UP. TAKE ON FUEL, WATER, AND MUD. PREPAIR FOR BOPE TEST	
00:00	06:00	06:00	RIG-UP AND TEST BOPE. BLIND RAMS, CHOKE LINE, KILL LINE AND VALVES, PIPE RAMS AND CHOKE MANIFOLD, FLOOR VALVE-IBOP VALVE-KELLY VALVE, HCR, 250 LOW AND 3000 HIGH F/10 MIN. ANNULAR 250 LOW AND 1500 HIGH. FUNCTION TEST ACCUMULATOR (ANNULAR PRESSURE REGULATOR HAD TO BE RE-ADJUSTED) GOOD. TEST CASING T/1500 PSI F/30 MINUTES.	
05:55	05:55	00:00	SAFETY MEETING DAYS: CHECK COM, SWA, PPE. WATCHING FOR HAZARDS.	
			SAFETY MEETING NIGHTS: SWA AUTHORITY, CHECK COM, HOUSE KEEPING, PPE. SHUT IN PROCEDURES.	
			REGULATORY NOTICES:	
			REGULATORY VISITS: NONE.	
			INCIDENTS: NONE	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE						
Fluid	Used	Received	Transferred	On Hand	Cum. Used	
Fuel	0.0	4,000.0	1,520.0	5,280.0	0.0	
Gas						
Fresh Well Water						
Nano Water						
Frac Water						
Reserve Pit Water						
Boiler Hours						
Air Heater Hours						
Urea				0.0		
Urea Sys 1 Hrs						
Urea Sys 2 Hrs						
Urea Sys 3 Hrs						

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	07/18/2014	8 5/8	J-55	24	1,017		
Conductor	07/14/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	STC	616	JH9748	12/12/12/12/12/12	663.000	1,016		-----	

BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
1		65/113	464	1,200	2.38	0.00	0		0.00	0		

RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT			
1	6.500	DYNA DRILL	FIXED BEND	650009	7/8	1,016		07/21/2014				

MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP				
1	25	0.24	0.00	0		0.00	0					

SURVEYS												
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type			
07/21/2014	2,164	18.8	341.50	2,147	162.4	157.66	-40.18	2.7				
07/21/2014	2,121	17.9	343.80	2,106	148.8	144.74	-36.14	4.3				
07/21/2014	2,088	16.6	341.90	2,074	139.1	135.39	-33.26	1.8				

MUD PROPERTIES												
Type	LSND	Mud Wt	9.2	Alk.		Sand %		XS Lime lb/bbl				
Temp.	85	Gels 10sec		Cl ppm		Solids %		Salt bbls				
Visc	36	Gels 10min		Ca ppm		LGS %		LCM ppb				
PV		pH		pF		Oil %		API WL cc				
YP		Filter Cake/32		Mf		Water %		HTHP WL cc				
O/W Ratio		ES		WPS								
Comments:	MOVE IN											
Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0						

SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner	6.5	Stroke Len	10.0	SPM	128	PSI	_____	GPM	4	SPR	_____	Slow PSI	_____
Pump 2 Liner	6.5	Stroke Len	10.0	SPM	_____	PSI	_____	GPM	_____	SPR	_____	Slow PSI	_____
Pump 32 Liner	_____	Stroke Len	_____	SPM	_____	PSI	_____	GPM	_____	SPR	_____	Slow PSI	_____
BHA Makeup	STEERABLE ASSEMBLY												
Up Weight	0	Dn Weight	0	RT Weight	0			Length	930.8			Hours on BHA	0
								Torque	0			Hours on Motor	0

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	BIT	7.875		1.00		JH9748	
2	MOTOR	6.500		32.06		650009	
3	NMDC	6.500	2.750	30.68		ENB121-2	
4	GAP SUB	6.400	3.000	5.63		EN-11-2167	
5	NMDC	6.500	2.780	30.73		ENBSP2	
6	MNP DC	6.500	2.790	15.08			
7	NMP DC	6.500	2.790	15.10			
8	STEEL DC	6.350	3.000	29.82			
9	18 HWDP	4.500	2.800	553.40			
10	JAR	6.500	2.250	32.62			
11	6 HWDP	4.500	2.800	184.63			

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees		13,155	4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads	1,050	2,100	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	680	3,417	9,000
8100..320: Mud & Chemicals	1,400	1,400	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	15,500	15,875	146,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		13,009	40,000	8100..410: Mob/Demob		1,720	15,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	2,101	2,101	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin	8,000	8,000	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		15,747	20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	2,750	2,750	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	4,893	5,000		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			28,000
8200..605: Cementing Work		35,848	25,000	8210..600: Production Casing			50,000
8210..620: Wellhead/Casing Hea			12,000	Total Cost	36,374	120,121	674,000



ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/22/2014

WELL NAME	THREE RIVERS 2-25-820			AFE#	140755		SPUD DATE	07/21/2014	
WELL SITE CONSULTANT	KING BROWN			PHONE#	435-828-5550		CONTRACTOR	Capstar 321	
TD AT REPORT	3.067'	FOOTAGE	2.027'	PRATE	115.8	CUM. DRLG. HRS	17.5	DRLG DAYS SINCE SPUD	1
ANTICIPATED TD	PRESENT OPS			Directional Drilling at 3.067'			GEOLOGIC SECT.		
DAILY MUD LOSS	SURF:	DH:	0	CUM. MUD LOSS		SURF:	DH:		0
MUD COMPANY:	ANCHOR			MUD ENGINEER:		DAN KASTEL			
LAST BOP TEST	07/21/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		6.831	SSE	2	SSED

TIME BREAKDOWN									
DIRECTIONAL DRILLING		17.00	DRILLING		0.50	PRESSURE TEST B.O.P.		1.50	
RIG SERVICE		0.50	SLIP & CUT DRL LINE		1.50	TRIPPING		1.00	
WORK BHA		2.00							

DETAILS				
Start	End	Hrs		
06:00	07:30	01:30	FINISH TESTING BOPE AND RIG DOWN.	
07:30	09:30	02:00	P/U DIRECTIONAL TOOLS, ORIENT AND P/U BHA.	
09:30	11:00	01:30	SLIP AND CUT DRLG LINE AND MOVE FLARE LINE AND IGNIGHTER.	
11:00	12:00	01:00	RIH T/ 984' AND TAG CEMENT.	
12:00	12:30	00:30	DRILL-OUT SHOE TRACK T/ 1040'	
12:30	17:30	05:00	DRILL UNDER DIRECTIONAL CONTROL F/1040 T/1743' 703' @140.6 FT/HR. WOB-23, SPM-126,RPM-65, SPP-1550,DIFF-350, TORQUE-11000. MW-9.5, VIS-36.	
			RIG SERV. LUBE RIG.	
17:30	18:00	00:30	DRILL UNDER DIRECTIONAL CONTROL F/1743 T/2457' 714' @119 FT/HR. WOB-23, SPM-126,RPM-65, SPP-1650,DIFF-300, TORQUE-11000. MW-9.5, VIS-36.	
18:00	00:00	06:00	DRILL UNDER DIRECTIONAL CONTROL F/2457 T/3067' 610' @101 FT/HR. WOB-23, SPM-126,RPM-65, SPP-1650,DIFF-300, TORQUE-11400. MW-9.5, VIS-36.	
00:00	06:00	06:00	SAFETY MEETING DAYS: CHECK COM,SWA,PPE.WATCHING FOR HAZARDS.	
05:55	05:55	00:00	SAFETY MEETING NIGHTS:SWA AUTHORITY, CHECK COM,HOUSE KEEPING, PPE. SHUT IN PROCEEDURES.	
				REGULATORY NOTICES:
				REGULATORY VISITS:NONE.
				INCIDENTS:NONE
				BOPE DRILL: EACH CREW

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE							
Fluid	Used	Received	Transferred	On Hand	Cum.Used		
Fuel	1,030.0	0.0		4,250.0	1,030.0		
Gas							
Fresh Well Water							
Nano Water							
Frac Water							
Reserve Pit Water							
Boiler Hours							
Air Heater Hours							
Urea				0.0			
Urea Sys 1 Hrs							
Urea Sys 2 Hrs							
Urea Sys 3 Hrs							

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	07/18/2014	8 5/8	J-55	24	1,017		
Conductor	07/14/2014	16	ARJ-55	45	120		

RECENT BITS:											
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R		
1	7.875	STC	616	JH9748	12/12/12/12/12/12	663.000	1,016		-----		

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		65/113	464	1,650	2.38	17.00	2,027	119.24	17.00	2,027	119.24

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	DYNA DRILL	FIXED BEND	650009	7/8	1,016		07/21/2014			

MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			
1	25	0.24	17.00	2,027	119.24	17.00	2,027	119.24			

SURVEYS										
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type	
07/22/2014	3,659	20.3	343.30	3,547	682.4	649.01	-210.79	2.2		
07/22/2014	3,573	22.2	343.30	3,467	651.2	619.15	-201.83	2.4		
07/22/2014	3,488	23.7	339.90	3,389	618.1	587.73	-191.35	1.4		

MUD PROPERTIES											
Type	LSND	Mud Wt	9.3	Alk.	3.5	Sand %	0.0	XS Lime lb/bbl			
Temp.	102	Gels 10sec	1	Cl ppm	2,000	Solids %	5.0	Salt bbls			
Visc	36	Gels 10min	4	Ca ppm	40	LGS %	3.0	LCM ppb			
PV	10	pH	10.0	pF	35.0	Oil %		API WL cc	10.0		
YP	8	Filter Cake/32	2	Mf	5.0	Water %	95.0	HTHP WL cc			
O/W Ratio		ES		WPS							
Comments:	DRILL										

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION											
Pump 1 Liner	6.5	Stroke Len	10.0	SPM	128	PSI	1,467	GPM	4	SPR	62
Pump 2 Liner	6.5	Stroke Len	10.0	SPM		PSI		GPM		SPR	
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR	
BHA Makeup	STEERABLE ASSEMBLY							Length	930.8	Hours on BHA	363
Up Weight	80	Dn Weight	70	RT Weight	78			Torque	11,500	Hours on Motor	17

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	BIT	7.875		1.00		JH9748	
2	MOTOR	6.500		32.06		650009	
3	NMDC	6.500	2.750	30.68		ENB121-2	
4	GAP SUB	6.400	3.000	5.63		EN-11-2167	
5	NMDC	6.500	2.780	30.73		ENBSP2	
6	MNP DC	6.500	2.790	15.08			
7	NMP DC	6.500	2.790	15.10			
8	STEEL DC	6.350	3.000	29.82			
9	18 HWDP	4.500	2.800	553.40			
10	JAR	6.500	2.250	32.62			
11	6 HWDP	4.500	2.800	184.63			

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees		13,155	4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		2,100	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		3,417	9,000
8100..320: Mud & Chemicals	3,767	5,167	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	45,900	61,775	146,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		13,009	40,000	8100..410: Mob/Demob	1,720	3,440	15,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/	2,300	2,300	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	1,991	4,092	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin	8,000	16,000	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		15,747	20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	2,750	5,500	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		5,000		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			28,000
8200..605: Cementing Work		35,848	25,000	8210..600: Production Casing	82,189	82,189	50,000
8210..620: Wellhead/Casing Hea			12,000	Total Cost	148,617	268,739	674,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/23/2014

WELL NAME	THREE RIVERS 2-25-820			AFE#	140755		SPUD DATE	07/21/2014	
WELL SITE CONSULTANT	KING BROWN			PHONE#	435-828-5550		CONTRACTOR	Capstar 321	
TD AT REPORT	4,606'	FOOTAGE	1,539'	PRATE	70.0	CUM. DRLG. HRS	39.5	DRLG DAYS SINCE SPUD	2
ANTICIPATED TD	PRESENT OPS			Directional Drilling at 4,606'			GEOLOGIC SECT.		
DAILY MUD LOSS	SURF:	15	DH:	300	CUM. MUD LOSS	SURF:	15	DH:	300
MUD COMPANY:	ANCHOR			MUD ENGINEER:			DAN KASTEL		
LAST BOP TEST	07/21/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		6,811	SSE	2	SSED

TIME BREAKDOWN									
COND MUD & CIRCULATE	1.00	DIRECTIONAL DRILLING	22.00	OTHER	0.50				
RIG SERVICE	0.50								

DETAILS									
Start	End	Hrs							
06:00	07:30	01:30	DIRECTIONAL DRILL F/3067' T/3196'. 129' @ 86 FT/HR.WOB-21, RPM-60,DIFF-300,SPM127,SPP-1630.MW-9.5,VIS-33.						
07:30	08:00	00:30	C/O TOP DRIVE MOTORS.						
08:00	13:00	05:00	DIRECTIONAL DRILL F/3196' T/3622'. 426' @ 71 FT/HR.WOB-21, RPM-60,DIFF-300,SPM127,SPP-1680.MW-9.7,VIS-37.						
13:00	13:30	00:30	LUBE RIG						
13:30	22:00	08:30	DIRECTIONAL DRILL F/3622' T/4203'. 564' @ 70.5 FT/HR.WOB-21, RPM-70,DIFF-340,SPM127,SPP-1844.MW-9.8,VIS-37, TORQUE-13900.						
22:00	23:00	01:00	CIRC F/MUD LOSSES. LOST 50 BBL.PULL 45' OFF BOTTOM ,REDUCE PUMP RATE AND MIX LCM. LOOSING 88 BBL/HR. BY-PASS SHAKERS. VOLUME HOLDING						
23:00	00:00	01:00	RESUME DRILLING W/ REDUCED PUMP RATE.F/4203' T/4244'. 41' @ 41 FT/HR.WOB-21, RPM-60,DIFF-340230,SPM 85,SPP-11039.MW-9.8,VIS-35, TORQUE-11700.						
00:00	06:00	06:00	DIRECTIONAL DRILLING.F/4244' T/4606'. 362' @ 60 FT/HR.WOB-21, RPM-60,DIFF-340,SPM-128,SPP-1950.MW-9.8,VIS-35, TORQUE-13700.						
05:55	05:55	00:00	SAFETY MEETING DAYS: CHECK COM,SWA,PPE.WATCHING FOR HAZARDS.						
			SAFETY MEETING NIGHTS:SWA AUTHORITY, CHECK COM,HOUSE KEEPING, PPE. TEAM WORK.						
			REGULATORY NOTICES:						
			REGULATORY VISITS:NONE.						
			INCIDENTS:NONE						

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE									
Fluid	Used	Received	Transferred	On Hand	Cum.Used				
Fuel	1,188.0			3,062.0	2,218.0				
Gas									
Fresh Well Water									
Nano Water									
Frac Water									
Reserve Pit Water									
Boiler Hours									
Air Heater Hours									
Urea				0.0					
Urea Sys 1 Hrs									
Urea Sys 2 Hrs									
Urea Sys 3 Hrs									

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	07/18/2014	8 5/8	J-55	24	1,017		
Conductor	07/14/2014	16	ARJ-55	45	120		

RECENT BITS:											
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R		
1	7.875	STC	616	JH9748	12/12/12/12/12	663.000	1,016		-----		

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		65/113	464	1,650	2.54	22.00	1,539	69.95	39.00	3,566	91.44

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	DYNA DRILL	FIXED BEND	650009	7/8	1,016		07/21/2014			

MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			
1	25	0.24	22.00	1,539	69.95	39.00	3,566	91.44			

SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		
07/23/2014	5,068	1.4	222.10	4,931	905.3	858.63	-287.17	0.5			
07/23/2014	4,983	1.4	240.40	4,846	906.1	859.92	-285.57	0.7			
07/23/2014	4,898	0.9	252.40	4,761	906.3	860.63	-284.03	2.0			

MUD PROPERTIES											
Type	LSND	Mud Wt	9.8	Alk.	4.0	Sand %	0.0	XS Lime lb/bbl			
Temp.	122	Gels 10sec	2	Cl ppm	2,500	Solids %	8.0	Salt bbls			
Visc	38	Gels 10min	14	Ca ppm	40	LGS %	5.0	LCM ppb			
PV	13	pH	9.4	pF	4.0	Oil %	1.0	API WL cc	7.8		
YP	8	Filter Cake/32	2	Mf	10.0	Water %	91.0	HTHP WL cc			
O/W Ratio		ES		WPS							
Comments:	BAR-128, DRISPACK-4, GEL-10, LIGNITE-8,LIME-10, PHPA-2, SAW DUST-15, FLOW ZAN-3, PALLET-16, TRAILER-1										

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner	6.5	Stroke Len	10.0	SPM	128	PSI	1,467	GPM	4	SPR	62	Slow PSI	398
Pump 2 Liner	6.5	Stroke Len	10.0	SPM		PSI		GPM		SPR	62	Slow PSI	397
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEERABLE ASSEMBLY											Hours on BHA	385
Up Weight	125	Dn Weight	80	RT Weight	110			Length	930.8			Hours on Motor	39
								Torque	13,500				

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	BIT	7.875		1.00		JH9748	
2	MOTOR	6.500		32.06		650009	
3	NMDC	6.500	2.750	30.68		ENB121-2	
4	GAP SUB	6.400	3.000	5.63		EN-11-2167	
5	NMDC	6.500	2.780	30.73		ENBSP2	
6	MNP DC	6.500	2.790	15.08			
7	NMP DC	6.500	2.790	15.10			
8	STEEL DC	6.350	3.000	29.82			
9	18 HWDP	4.500	2.800	553.40			
10	JAR	6.500	2.250	32.62			
11	6 HWDP	4.500	2.800	184.63			

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees		13,155	4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		2,100	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		3,417	9,000
8100..320: Mud & Chemicals	5,936	11,103	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	15,500	77,275	146,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		13,009	40,000	8100..410: Mob/Demob		3,440	15,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		2,300	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	1,991	6,083	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin	8,700	24,700	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		15,747	20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	2,750	8,250	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		5,000		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			28,000
8200..605: Cementing Work		35,848	25,000	8210..600: Production Casing		82,189	50,000
8210..620: Wellhead/Casing Hea			12,000	Total Cost	34,877	303,616	674,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/24/2014

WELL NAME	THREE RIVERS 2-25-820				AFE#	140755		SPUD DATE	07/21/2014	
WELL SITE CONSULTANT	KING BROWN				PHONE#	435-828-5550		CONTRACTOR	Capstar 321	
TD AT REPORT	6,129'	FOOTAGE	1,523'	PRATE	64.8	CUM. DRLG. HRS	63.0	DRLG DAYS SINCE SPUD	3	
ANTICIPATED TD	PRESENT OPS				Directional Drilling at 6,129'			GEOLOGIC SECT.		
DAILY MUD LOSS	SURF:	5	DH:	200	CUM. MUD LOSS	SURF:	20	DH:	500	
MUD COMPANY:	ANCHOR				MUD ENGINEER:			DAN KASTEL		
LAST BOP TEST	07/21/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH			6,811	SSE	2	SSED

TIME BREAKDOWN			
DIRECTIONAL DRILLING	23.50	RIG SERVICE	0.50

DETAILS				
Start	End	Hrs		
06:00	17:30	11:30	DIRECTIONAL DRILLING.F/4606' T/5460'. 854' @ 74.2 FT/HR.WOB-21, RPM-60,DIFF-340,SPM-128,SPP-1950.MW-9.8,VIS-35, TORQUE-13700.	
17:30	18:00	00:30	LUBE RIG.	
18:00	00:00	06:00	DIRECTIONAL DRILLING.F/5460' T/5820'. 360' @ 60 FT/HR.WOB-23, RPM-54,DIFF-300,SPM-128,SPP-1731.MW-9.8,VIS-38, TORQUE-13646.	
00:00	06:00	06:00	DRILLING VERTICAL SECTION.F/5820' T/6129'. 309' @ 51 FT/HR.WOB-23, RPM-54,DIFF-300,SPM-128,SPP-1731.MW-9.8,VIS-38, TORQUE-13846.	
05:55	05:55	00:00	SAFETY MEETING DAYS: CHECK COM,SWA,PPE.WATCHING FOR HAZARDS.	
			SAFETY MEETING NIGHTS:SWA AUTHORITY, CHECK COM,HOUSE KEEPING, PPE. TEAM WORK.	
			REGULATORY NOTICES:	
			REGULATORY VISITS:NONE.	
			INCIDENTS:NONE	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE					
Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,457.0			1,605.0	3,675.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	07/18/2014	8 5/8	J-55	24	1,017		
Conductor	07/14/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	STC	616	JH9748	12/12/12/12/12/12	663.000	1,016		-----	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		65/113	464	1,650	2.54	23.50	1,523	64.81	62.50	5,089	81.42

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	DYNA DRILL	FIXED BEND	650009	7/8	1,016		07/21/2014			

MUD MOTOR OPERATIONS:										
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP		
1	25	0.24	23.50	1,523	64.81	62.50	5,089	81.42		

SURVEYS										
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type	
07/24/2014	6,008	2.0	182.60	5,871	884.0	834.24	-293.25	1.2		
07/24/2014	5,923	1.0	168.80	5,786	886.1	836.45	-293.32	1.2		
07/24/2014	5,838	1.9	185.20	5,701	888.2	838.58	-293.34	0.4		

MUD PROPERTIES										
Type	LSND	Mud Wt	9.8	Alk.	4.5	Sand %	0.0	XS Lime lb/bbl		
Temp.	122	Gels 10sec	2	Cl ppm	2,100	Solids %	8.0	Salt bbls		
Visc	38	Gels 10min	12	Ca ppm	40	LGS %	5.0	LCM ppb		
PV	12	pH	9.8	pF	2.8	Oil %	1.0	API WL cc	8.8	
YP	9	Filter Cake/32	2	Mf	5.5	Water %	91.0	HTHP WL cc		
O/W Ratio		ES		WPS						
Comments:	BAR-224, cedar fiber-20, DRISPACK-0, GEL-166, LIGNITE-7,LIME-24,mica-24, PHPA-5, SAW DUST-485, FLOW ZAN-4,walnut-22,mega cide-3 PALLET-15, TRAILER-1									

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner	6.5	Stroke Len	10.0	SPM	128	PSI	1,950	GPM	4	SPR	62	Slow PSI	424
Pump 2 Liner	6.5	Stroke Len	10.0	SPM		PSI		GPM		SPR	62	Slow PSI	474
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEERABLE ASSEMBLY											Hours on BHA	408
Up Weight	125	Dn Weight	80	RT Weight	110			Length	930.8			Hours on Motor	63
								Torque	13,500				



BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	BIT	7.875		1.00		JH9748	
2	MOTOR	6.500		32.06		650009	
3	NMDC	6.500	2.750	30.68		ENB121-2	
4	GAP SUB	6.400	3.000	5.63		EN-11-2167	
5	NMDC	6.500	2.780	30.73		ENBSP2	
6	MNP DC	6.500	2.790	15.08			
7	NMP DC	6.500	2.790	15.10			
8	STEEL DC	6.350	3.000	29.82			
9	18 HWDP	4.500	2.800	553.40			
10	JAR	6.500	2.250	32.62			
11	6 HWDP	4.500	2.800	184.63			

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees		13,155	4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		2,100	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	3,359	6,776	9,000
8100..320: Mud & Chemicals	5,936	17,039	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	15,500	92,775	146,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		13,009	40,000	8100..410: Mob/Demob		3,440	15,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		2,300	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	1,991	8,074	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin	8,700	33,400	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		15,747	20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	2,750	11,000	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	4,383	9,383		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			28,000
8200..605: Cementing Work		35,848	25,000	8210..600: Production Casing	1,614	83,803	50,000
8210..620: Wellhead/Casing Hea			12,000	Total Cost	44,233	347,849	674,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/25/2014

WELL NAME	THREE RIVERS 2-25-820			AFE#	140755		SPUD DATE	07/21/2014	
WELL SITE CONSULTANT	KING BROWN			PHONE#	435-828-5550		CONTRACTOR	Capstar 321	
TD AT REPORT	6,811'	FOOTAGE	682'	PRATE	40.1	CUM. DRLG. HRS	80.0	DRLG DAYS SINCE SPUD	4
ANTICIPATED TD	PRESENT OPS			Tripping out of hole at 6,811'			GEOLOGIC SECT.		
DAILY MUD LOSS	SURF:	5	DH:	60	CUM. MUD LOSS	SURF:	25	DH:	560
MUD COMPANY:	ANCHOR			MUD ENGINEER:			DAN KASTEL		
LAST BOP TEST	07/21/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		6,795	SSE	2	SSED

TIME BREAKDOWN									
COND MUD & CIRCULATE		1.00	DIRECTIONAL DRILLING		17.00	RIG UP / TEAR DOWN		3.50	
TRIPPING		6.00							

DETAILS				
Start	End	Hrs		
06:00	12:00	06:00	DRILLING VERTICAL SECTION.F/6129' T/6400'. 271' @ 45.1 FT/HR.WOB-23, RPM-54,DIFF-200/250,SPM-128,SPP-1731.MW-9.8,VIS-38, TORQUE-13846.MW-9.8 VIS-39.	
12:00	18:00	06:00	DRILLING VERTICAL SECTION.F/6400' T/6635'. 235' @ 39.1 FT/HR.WOB-23, RPM-54,DIFF-200/250,SPM-128,SPP-1731.MW-9.8,VIS-38, TORQUE-13846.MW-9.8 VIS-39.	
18:00	23:00	05:00	DRILLING VERTICAL SECTION.F/6635' T/6811'. 411' @ 82.2 FT/HR.WOB-23, RPM-54,DIFF-200/250,SPM-128,SPP-1731.MW-9.8,VIS-38, TORQUE-13846.MW-9.8 VIS-39.	
23:00	00:00	01:00	T.D. WELL @ 6811' CIRC F/LOGS	
00:00	06:00	06:00	POOH F/LOGS	
02:30	06:00	03:30	NIPPLE DOWN AND CLEAN MUD TANKS.	
05:55	05:55	00:00	SAFETY MEETING DAYS: CHECK COM,SWA,PPE.WATCHING FOR HAZARDS.	
				SAFETY MEETING NIGHTS:SWA AUTHORITY, CHECK COM,HOUSE KEEPING, PPE. TEAM WORK.
				REGULATORY NOTICES:
				REGULATORY VISITS:NONE.
				INCIDENTS:NONE

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE					
Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel		2,000.0		3,605.0	3,675.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

CASING EQUIPMENT  
R/U AND RU 154 JOINTS 5 1/2" J-55 17# LT&C CASING, 1- LATCH DOWN FLOAT SHOE,2- 10' MARKERS, 1-LANDING MANDREL, AND LAND W/ LANDING JOINT. SHOE DEPTH 6801' RKB. LAST 4 JOINTS LEFT ON RACK.

CEMENT JOB SUMMARY  
R/U AND TEST LINES T/5000.PUMP 10 BBL WATER, 20 BBL SUPER FLUSH, 10 BBL WATER. MIX AND PUMP 146 BBL (235 SACKS) 11 PPG LEAD CEMENT W/1 LBM GRANULITE TR.,25 LBM POLY FLAKE, AND 5 LBM KOL SEAL. MIX AND PUMP 107 BBL (445 SACKS) 14 PPG TAIL CEMENT W/2 LBM KOL SEAL, 1 LBM GRANULITE, AND .25 LBM POLY SEAL. DROP LATCH DOWN WIPER PLUG. DISPLACE CEMENT W/148 BBL WATER. BUMP PLUG @ 2BBL/MIN W/1800 PSI. PRESSURE UP TO 2241 PSI. PRESSURE CLIMBED TO 2251 PSI AFTER 5 MINUTES. BLEED BACK 1.5 BBLs AND FLOAT HELD. MAINTAINED GOOD RETURNS THROUGH OUT JOB AND GOT 0 BBLs GOOD CEMENT TO SURFACE. RELEASED HALLIBURTON.

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Production	07/25/2014	5 1/2	J-55	17	6,801		
Surface	07/18/2014	8 5/8	J-55	24	1,017		
Conductor	07/14/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	STC	616	JH9748	12/12/12/12/12/12	663.000	1,016	6,811	1-2--S---CT-TD	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		65/113	464	1,650	2.54	17.00	682	40.12	79.50	5,771	72.59

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	DYNA DRILL	FIXED BEND	650009	7/8	1,016	6,811	07/21/2014	07/25/2014		

MUD MOTOR OPERATIONS:										
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP		
1	25	0.24	17.00	682	40.12	79.50	5,771	72.59		

SURVEYS										
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type	
07/25/2014	6,761	2.1	160.80	6,623	859.8	809.64	-290.63	1.0		
07/25/2014	6,691	2.0	180.30	6,553	862.2	812.07	-291.04	0.1		
07/25/2014	6,521	1.9	176.10	6,383	867.8	817.85	-291.22	0.3		

MUD PROPERTIES										
Type	LSND	Mud Wt	9.8	Alk.	3.5	Sand %	1.0	XS Lime lb/bbl		
Temp.	122	Gels 10sec	3	Cl ppm	1,800	Solids %	9.0	Salt bbls		
Visc	39	Gels 10min	10	Ca ppm	40	LGS %	7.0	LCM ppb		
PV	15	pH	10.0	pF	1.2	Oil %	1.0	API WL cc	7.6	
YP	10	Filter Cake/32	2	Mf	3.5	Water %	90.0	HTHP WL cc		
O/W Ratio		ES		WPS						
Comments:	BAR-0, cedar fiber-16, DRISPACK-9, GEL-29, LIGNITE-8,LIME-13,mica-6, PHPA-2, SAW DUST-270, FLOW ZAN-5,SOLTEX-29, walnut-75,mega cide-4, PALLET-0, TRAILER-1									

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	<u>6.5</u>	Stroke Len	<u>10.0</u>	SPM	<u>128</u>	PSI	<u>1,950</u>	GPM	<u>4</u>	SPR	<u>62</u>	Slow PSI	<u>491</u>
Pump 2 Liner	<u>6.5</u>	Stroke Len	<u>10.0</u>	SPM	<u>      </u>	PSI	<u>      </u>	GPM	<u>      </u>	SPR	<u>62</u>	Slow PSI	<u>513</u>
Pump 32 Liner	<u>      </u>	Stroke Len	<u>      </u>	SPM	<u>      </u>	PSI	<u>      </u>	GPM	<u>      </u>	SPR	<u>      </u>	Slow PSI	<u>      </u>
BHA Makeup	STEERABLE ASSEMBLY										Length <u>930.8</u>		
Up Weight	<u>187</u>	Dn Weight	<u>125</u>	RT Weight	<u>145</u>	Torque <u>14,000</u>		Hours on BHA <u>425</u>			Hours on Motor <u>63</u>		

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	BIT	7.875		1.00		JH9748	
2	MOTOR	6.500		32.06		650009	
3	NMDC	6.500	2.750	30.68		ENB121-2	
4	GAP SUB	6.400	3.000	5.63		EN-11-2167	
5	NMDC	6.500	2.780	30.73		ENBSP2	
6	MNP DC	6.500	2.790	15.08			
7	NMP DC	6.500	2.790	15.10			
8	STEEL DC	6.350	3.000	29.82			
9	18 HWDP	4.500	2.800	553.40			
10	JAR	6.500	2.250	32.62			
11	6 HWDP	4.500	2.800	184.63			

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees		13,155	4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		2,100	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamat				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Dispos	735	7,511	9,000
8100..320: Mud & Chemicals	11,616	28,655	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	15,500	108,275	146,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel	6,436	19,445	40,000	8100..410: Mob/Demob		3,440	15,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		2,300	5,000	8100..520: Trucking & Hauling	315	315	10,000
8100..530: Equipment Rental	1,991	10,065	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin	8,700	42,100	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		15,747	20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	2,750	13,750	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		9,383		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			28,000
8200..605: Cementing Work		35,848	25,000	8210..600: Production Casing		83,803	50,000
8210..620: Wellhead/Casing Hea	7,159	7,159	12,000	Total Cost	55,202	403,051	674,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 07/26/2014

WELL NAME	THREE RIVERS 2-25-820			AFE#	140755		SPUD DATE	07/21/2014	
WELL SITE CONSULTANT	KING BROWN			PHONE#	435-828-5550		CONTRACTOR	Capstar 321	
TD AT REPORT	6,811'	FOOTAGE	0'	PRATE	CUM. DRLG. HRS 80.0		DRLG DAYS SINCE SPUD	5	
ANTICIPATED TD	PRESENT OPS			Rig release at 6,811'		GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	0	DH:	60	CUM. MUD LOSS	SURF:	25	DH:	620
MUD COMPANY:	ANCHOR			MUD ENGINEER:		DAN KASTEL			
LAST BOP TEST	07/21/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		6,801	SSE	SSED	2

TIME BREAKDOWN	CASING & CEMENT	12.50	COND MUD & CIRCULATE	2.00	RIG UP / TEAR DOWN	3.50
	TRIPPING	1.00	WIRELINE	5.00		

DETAILS	Start	End	Hrs	
	06:00	07:00	01:00	L/D DIRECTIONAL TOOLS
	07:00	12:00	05:00	SAFETY MEETING, R/U AND LOG W/HALLIBURTON LOGS T/ 5800'
	12:00	13:00	01:00	PREP RIG FOR CASING. TOP DRIVE MOTORS. SPEAR.
	13:00	21:00	08:00	RUN 154 JOINTS 5 1/2", 17#, J-55, LT&C + 2 MARKER JOINTS+HANGING MANDREL+LATCH DOWN FLOAT SHOE. LAND CASING @ 6801' RKB
	21:00	23:00	02:00	CIRC AND R/U HALLIBURTON F/ CEMENT
	23:00	02:30	03:30	SAFETY MEETING AND CEMENT CASING.TEST LINES,PUMP 10 BBL WATER, 20 BBL SUPER FLUSH, 10 BBL WATER. MIX AND PUMP 146 BBL (234 SACKS)11# LEAD CEMENT, 107 BBL (455 SACKS)14# TAIL CEMENT AND DISPLACE W/157.7 BBL WATER. BUMP PLUG AND HOLD 5 MIN. BLEED BACK 1.5 BBL FLOATS HELD. GOOD RETURNS THROUGHT JOB AND 0 CEMENT TO SURFACE
	02:30	06:00	03:30	NIPPLE DOWN AND PREP FOR MOVE.Rig Release @ 06:00 hrs.
	05:55	05:55	00:00	SAFETY MEETING DAYS: CHECK COM,SWA,PPE, RIGGING DOWN.
				SAFETY MEETING NIGHTS:SWA AUTHORITY, CHECK COM,H, PPE.RIGGING DOWN.
				REGULATORY NOTICES:
				REGULATORY VISITS:NONE.
				INCIDENTS:NONE

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE	Used	Received	Transferred	On Hand	Cum.Used
Fluid					
Fuel	2,205.0			1,400.0	5,880.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

CEMENT JOB SUMMARY	
R/U AND TEST LINES T/5000.PUMP 10 BBL WATER, 20 BBL SUPER FLUSH, 10 BBL WATER. MIX AND PUMP 146 BBL (235 SACKS) 11 PPG LEAD CEMENT W/1 LBM GRANULITE TR.,.25 LBM POLY FLAKE, AND 5 LBM KOL SEAL. MIX AND PUMP 107 BBL (445 SACKS) 14 PPG TAIL CEMENT W/2 LBM KOL SEAL, 1 LBM GRANULITE, AND .25 LBM POLY SEAL. DROP LATCH DOWN WIPER PLUG. DISPLACE CEMENT W/148 BBL WATER. BUMP PLUG @ 2BBL/MIN W/1800 PSI. PRESSURE UP TO 2241 PSI. PRESSURE CLIMBED TO 2251 PSI AFTER 5 MINUTES. BLEED BACK 1.5 BBLS AND FLOAT HELD. MAINTAINED GOOD RETURNS THROUGH OUT JOB AND GOT 0 BBLS GOOD CEMENT TO SURFACE. RELEASED HALLIBURTON.	

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Production	07/25/2014	5 1/2	J-55	17	6,801		
Surface	07/18/2014	8 5/8	J-55	24	1,017		
Conductor	07/14/2014	16	ARJ-55	45	120		

RECENT BITS:	BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
	1	7.875	STC	616	JH9748	12/12/12/12/12	663.000	1,016	6,811	1-2--S---CT-TD

BIT OPERATIONS:	BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
	1		65/113	464	1,650	2.54	17.00	682	40.12	79.50	5,771	72.59

RECENT MUD MOTORS:	#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
	1	6.500	DYNA DRILL	FIXED BEND	650009	7/8	1,016	6,811	07/21/2014	07/25/2014

MUD MOTOR OPERATIONS:	#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
	1	25	0.24	17.00	682	40.12	79.50	5,771	72.59

SURVEYS	Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
	07/25/2014	6,761	2.1	160.80	6,623	859.8	809.64	-290.63	1.0	
	07/25/2014	6,691	2.0	180.30	6,553	862.2	812.07	-291.04	0.1	
	07/25/2014	6,521	1.9	176.10	6,383	867.8	817.85	-291.22	0.3	

MUD PROPERTIES	Type	LSND	Mud Wt	9.9	Alk.	3.0	Sand %	0.0	XS Lime lb/bbl	
	Temp.	130	Gels 10sec	3	Cl ppm	1,800	Solids %	10.0	Salt bbls	
	Visc	40	Gels 10min	15	Ca ppm	40	LGS %	8.0	LCM ppb	
	PV	12	pH	9.3	pF	1.0	Oil %	1.0	API WL cc	7.6
	YP	13	Filter Cake/32	2	Mf	3.5	Water %	89.0	HTHP WL cc	
	O/W Ratio		ES		WPS					
Comments:	BAR-40, cedar fiber-0, DRISPACK-1, GEL-9, LIGNITE-0,LIME-1,mica-0, PHPA-0, SAW DUST-0, FLOW ZAN-4,SOLTEX-8, walnut-0,mega cide-1, PALLET-0, TRAILER-1									

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION

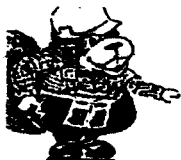
Pump 1 Liner	<u>6.5</u>	Stroke Len	<u>10.0</u>	SPM	<u>128</u>	PSI	<u>1,950</u>	GPM	<u>4</u>	SPR	<u>62</u>	Slow PSI	<u>491</u>
Pump 2 Liner	<u>6.5</u>	Stroke Len	<u>10.0</u>	SPM	<u>      </u>	PSI	<u>      </u>	GPM	<u>      </u>	SPR	<u>62</u>	Slow PSI	<u>513</u>
Pump 32 Liner	<u>      </u>	Stroke Len	<u>      </u>	SPM	<u>      </u>	PSI	<u>      </u>	GPM	<u>      </u>	SPR	<u>      </u>	Slow PSI	<u>      </u>
BHA Makeup	STEERABLE ASSEMBLY										Length <u>930.8</u>		
Up Weight	<u>187</u>	Dn Weight	<u>125</u>	RT Weight	<u>145</u>	Torque <u>14,000</u>		Hours on BHA <u>425</u>			Hours on Motor <u>63</u>		

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4	GAP SUB	6.400	3.000	5.63		EN-11-2167	
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8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		2,100	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamat				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Dispos	210	7,721	9,000
8100..320: Mud & Chemicals	4,578	33,233	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	15,500	123,775	146,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		19,445	40,000	8100..410: Mob/Demob		3,440	15,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		2,300	5,000	8100..520: Trucking & Hauling		315	10,000
8100..530: Equipment Rental	1,991	12,056	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin	8,700	50,800	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		15,747	20,000
8100..605: Cementing Work	33,686	33,686	25,000	8100..610: P & A			
8100..700: Logging - Openhole	11,516	11,516	15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	2,750	16,500	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	8,680	18,063		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			28,000
8200..605: Cementing Work		35,848	25,000	8210..600: Production Casing		83,803	50,000
8210..620: Wellhead/Casing Hea		7,159	12,000	Total Cost	87,611	490,662	674,000



43-047-52690

# EAGER BEAVER TESTERS 2 8S 2DE

DATE: 7-21-14 COMPANY: Ultra Res RIG: CapStar 321 WELL NAME & #: TR 2-25-826

## ACCUMULATOR FUNCTION TESTS

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE ACCUMULATOR

(O.S.O. #2 SECTION iii, A.3.C.1. OR II OR III)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (shut-off pumps)
3. Open HCR Valve (if applicable)
4. Close annular
5. Close all pipe rams
6. Open one set of the pipe rams to simulate closing the blind ram
7. If you have a 3 ram stack open the annular to achieve the 50%+ safety factor for 5M and greater systems
8. Accumulator pressure should be 200 psi over desired precharge pressure, (accumulator working pressure (1500 psi= 750 desired psi) (2000 and 3000 psi= 1000 desired psi)
9. Record the remaining pressure 1400 PSI

### TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS !

(O.S.O. #2 SECTION III.A.2.F.)

1. Shut the accumulator bottles or spherical, (isolate them from the pumps and manifold) Open the bleed off valve to the tank, (manifold psi should go to 0 psi) close bleed valve.
2. Open the HCR valve (if applicable)
3. Close annular
4. With pumps only, time how long it takes to regain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure {1500 psi=750 desired psi} {2000 and 3000 psi= 1000 desired psi})
5. Record elapsed time 1 min 40 sec (2 minutes or less)

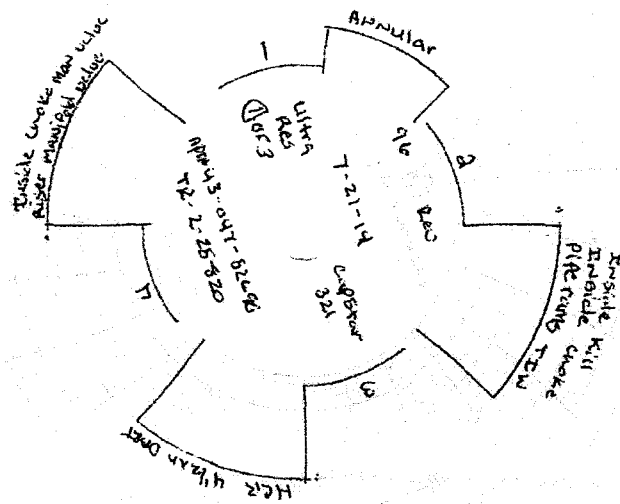
### TO CHECK THE PRECHARGE ON BOTTLES OR SPHERICAL

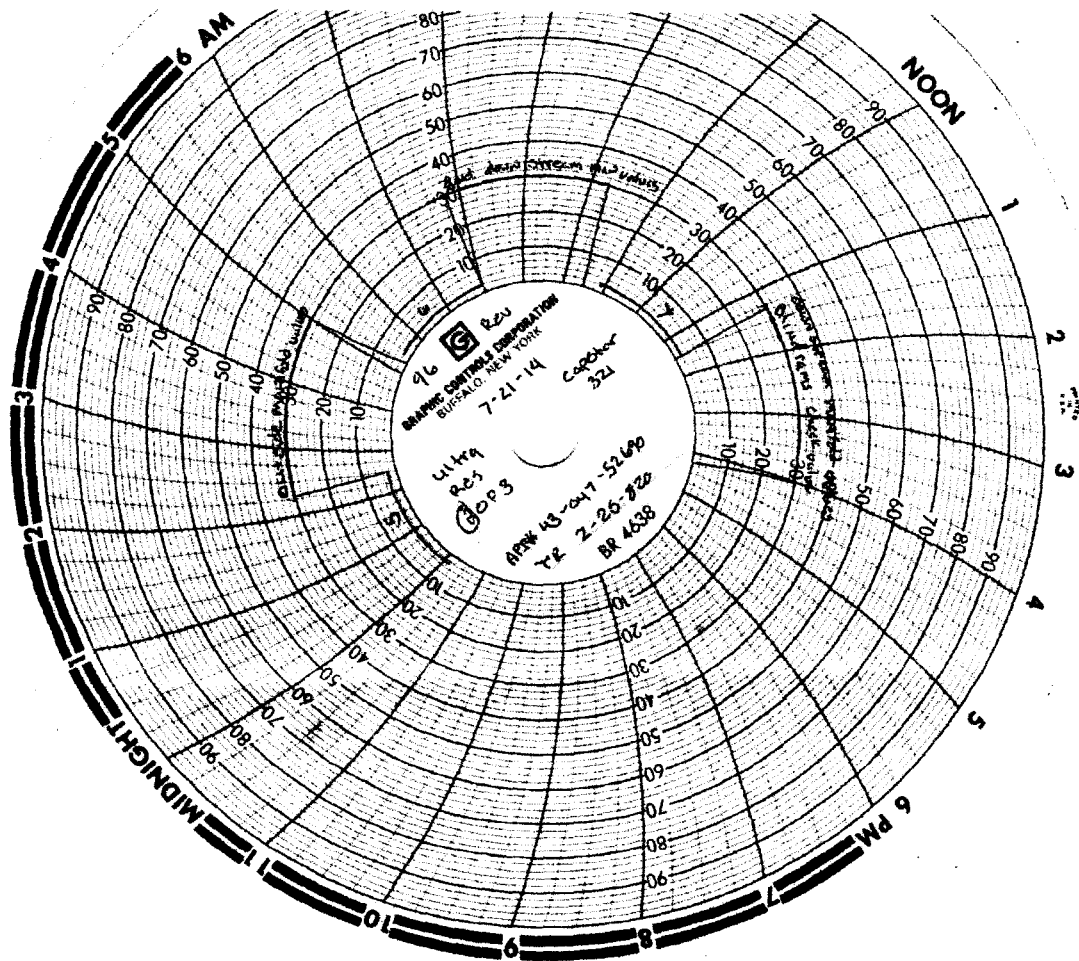
(O.S.O. #2 SECTION III.A.2.D.)

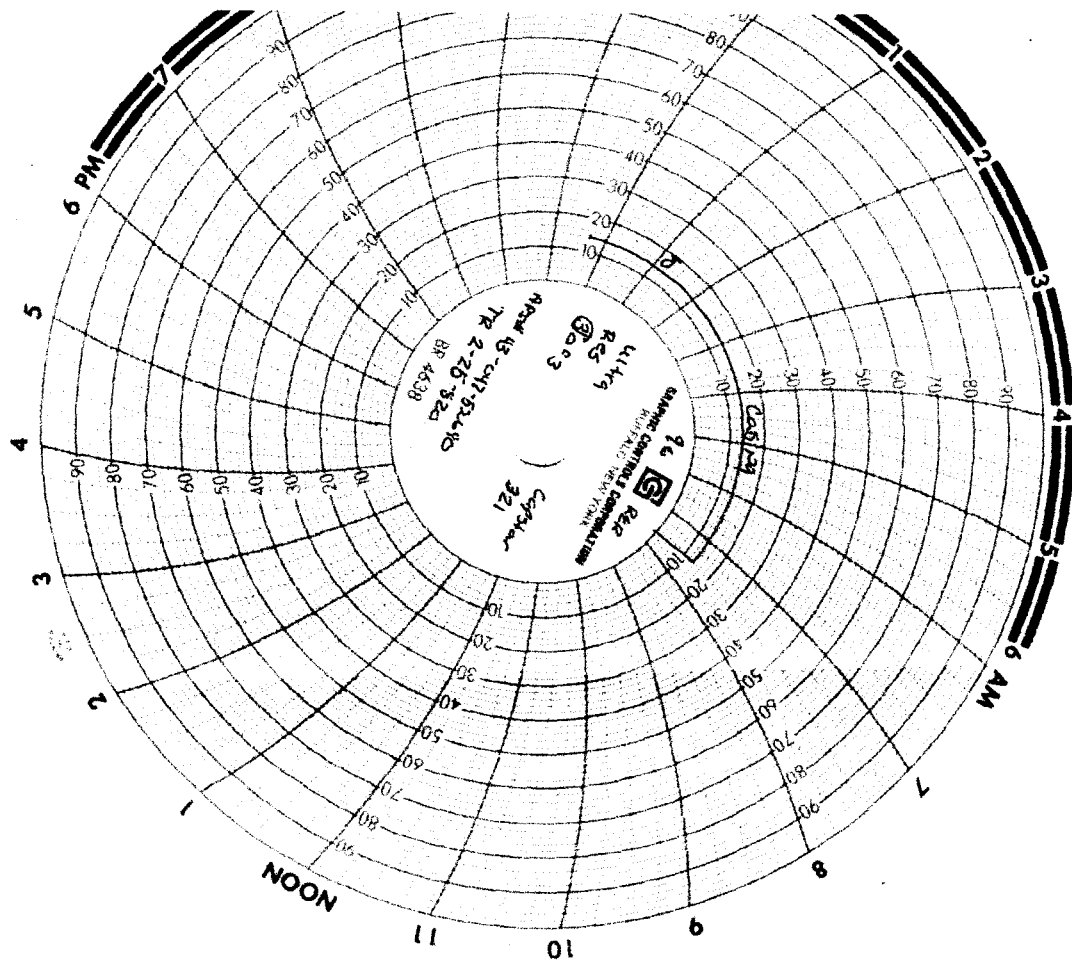
1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure, (1500 psi=750 desired psi) (2000 and 3000 psi= 1000 desired psi) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to the tank
3. Watch and record where the pressure drops (accumulator psi)
4. Record the pressure drop 900 PSI

If pressure drops below the minimum precharge, (accumulator working pressure {1500 psi=700 min}{2000 and 3000 psi=









845

**WALKER INSPECTION, LLC.**  
**REBEL TESTING • EAGER BEAVER TESTERS**  
 WYOMING • COLORADO • NORTH DAKOTA

**Daily JSA/Observation Report**

OPERATOR: Ultra Res  
 LOCATION: TR 2-25-820  
 EMPLOYEE NAME: Brandon Pharr

DATE: 7-21-14  
 CONTRACTOR: Dapstar 321

- ☒ High Pressure Testing  
☐ Fill in if: Working Below Platform  
☒ Requires PPE  
☐ Fill in if: Overhead Work is Occurring  
☐ Fill in if: Confined Spaces are Involved  
☐ Fill in if: Set up of Containment  
☐ Fill in if: Using Rig Hoist to Lift Tools  
☐ Fill in if: Other: \_\_\_\_\_

COMMENTS: BOP TEST off the  
Floor out of sub while  
test are on going and  
out of choke house

SIGNATURE: B. Pharr

DATE: 7-21-14

WALKER INSPECTION, LLC. AND AFFILIATES

ATTENDANCE:

<u>Brandon Pharr</u>		
<u>Brandon Pharr</u>		
<u>Brandon Pharr</u>		
<u>Brandon Pharr</u>		
<u>Brandon Pharr</u>		
<u>Brandon Pharr</u>		
<u>Brandon Pharr</u>		
<u>Brandon Pharr</u>		

**Observation Report**

EMPLOYEE REPORTING: Brandon Pharr SIGNATURE: B. Pharr

Was job set up and performed correctly and to best of companies ability? Y/N

Was all safety equipment used correctly by all involved? Y/N

Any incidents or near misses to report about WI? Y/N

Any incidents or near misses to report in general? Y/N

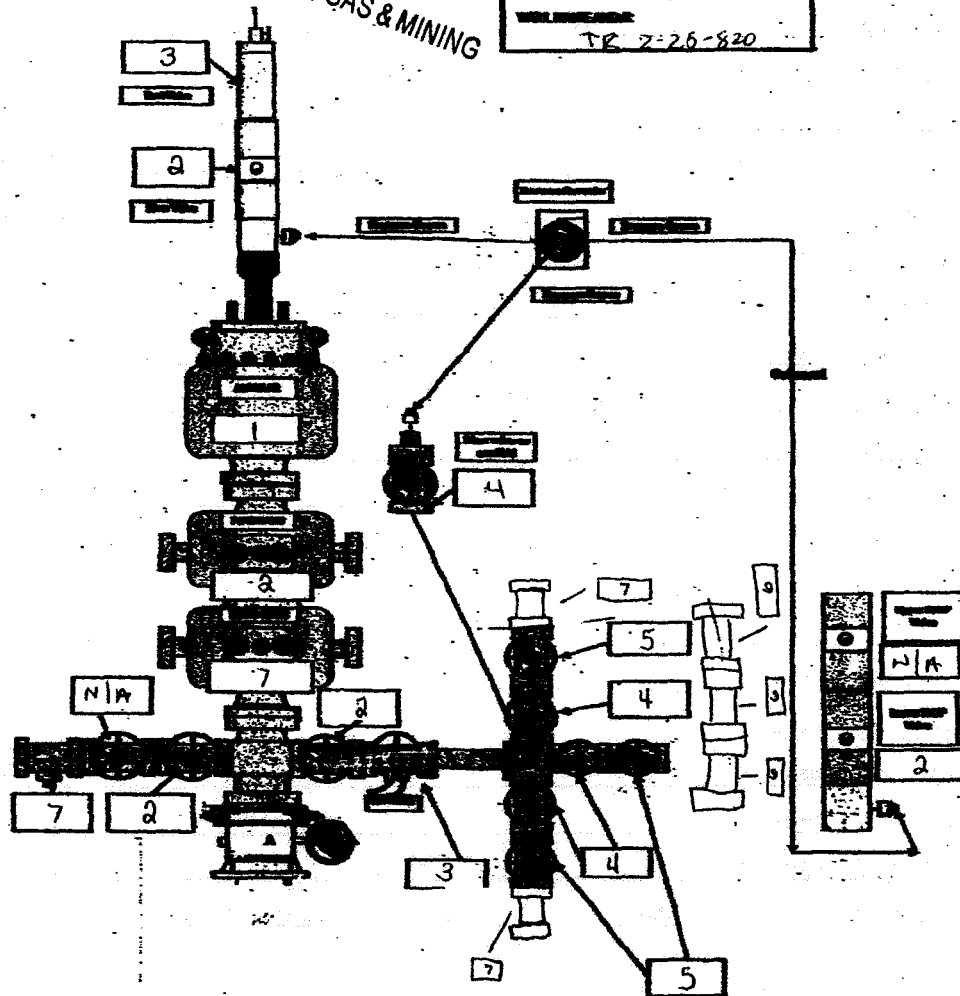
Any spills or environmental issues to report? Y/N

Basic Comments: \_\_\_\_\_

3000psi - 5000psi  
RECEIVED  
SYSTEM  
APR 23 2014  
DIV. OF OIL, GAS & MINING

23 2014  
DIV. OF OIL, GAS & MINING

DATE 7-21-14  
CARRIER ultra Res.  
COMMERCIAL Capstar 321  
WHL INVOICE #  
TR 7-26-820



Cosine test

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-49318
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> ULTRA RESOURCES INC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 304 Inverness Way South #295, Englewood, CO, 80112		<b>8. WELL NAME and NUMBER:</b> THREE RIVERS 2-25-820
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0529 FSL 0951 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 02 Township: 08.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047526900000
<b>PHONE NUMBER:</b> 303 645-9810 Ext		<b>9. FIELD and POOL or WILDCAT:</b> THREE RIVERS
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/9/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. First Production occurred on the TR2-25-820 on 08/09/2014.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> August 18, 2014		
<b>NAME (PLEASE PRINT)</b> Jenna Anderson	<b>PHONE NUMBER</b> 303 645-9804	<b>TITLE</b> Permitting Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/11/2014	



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8  
(highlight changes)5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML49318

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER \_\_\_\_\_  
b. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER \_\_\_\_\_

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:  
THREE RIVERS 2-25-8202. NAME OF OPERATOR:  
Ultra Resources, Inc.9. API NUMBER:  
43047526903. ADDRESS OF OPERATOR:  
304 Inverness Way So. CITY Englewood STATE CO ZIP 80112 PHONE NUMBER: (303) 645-980410 FIELD AND POOL, OR WILDCAT  
THREE RIVERS4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 529 FSL 950 FWL 40.146103 109.641567  
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1393 FSL 658 FWL 40.148463 109.642589  
AT TOTAL DEPTH: 1342 FSL 655 FWL 40.148321 109.64260111. QTR/QTR, SECTION, TOWNSHIP, RANGE,  
MERIDIAN:  
SWSW 2 8S 20E S12. COUNTY  
Uintah13. STATE  
UTAH14. DATE SPURRED: 7/14/2014 15. DATE T.D. REACHED: 7/24/2014 16. DATE COMPLETED: 8/14/2014 ABANDONED ☐ READY TO PRODUCE ☒17. ELEVATIONS (DF, RKB, RT, GL):  
GL 4767.2

18. TOTAL DEPTH: MD 6,811 TVD 6,674 19. PLUG BACK T.D.: MD 6,800 TVD 6,663 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

Triple Combo, CBL

23. WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)  
WAS DST RUN? NO ☒ YES ☐ (Submit report)  
DIRECTIONAL SURVEY? NO ☐ YES ☒ (Submit copy)

## 24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
24	16 arj55	45	0	120				0	
12 1/4	8 5/8 J-55	24	0	1,017		131		0	
7 7/8	5 1/2 J-55	17	0	6,801		679		250	

## 25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	4,570							

## 26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Lower GR	5,016	6,722			5,016 6,722		231	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

## 27. PERFORATION RECORD

## 28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

WAS WELL HYDRAULICALLY FRACTURED? YES ☒ NO ☐ IF YES - DATE FRACTURED: 8/6/2014

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5016 to 6722	Fracture/Stimulate 6 Stages

## 29. ENCLOSED ATTACHMENTS:

☒ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY  
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☒ OTHER: \_\_\_\_\_

## 30. WELL STATUS:

POW

**31. INITIAL PRODUCTION****INTERVAL A (As shown in Item #26)**

DATE FIRST PRODUCED: <b>8/9/2014</b>	TEST DATE: <b>8/20/2014</b>	HOURS TESTED: <b>24</b>	TEST PRODUCTION RATES: →	OIL – BBL: <b>96</b>	GAS – MCF: <b>42</b>	WATER – BBL: <b>316</b>	PROD. METHOD: <b>Gas Pumping</b>
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

**INTERVAL B (As shown in Item #26)**

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

**INTERVAL C (As shown in Item #26)**

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

**INTERVAL D (As shown in Item #26)**

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

**32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**

Used on lease

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Upper Green River	2,796
				Mahogany	4,214
				Lower Green River	5,000
				Wasatch	6,726

**35. ADDITIONAL REMARKS (Include plugging procedure)**

Frac material used: 6000 gal HCl Acid, 864468 gal FR-66 water, 207770 gal DeltaFrac Fluid, 870932 lbs White Sand

**36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.**NAME (PLEASE PRINT) Jenna AndersonTITLE Permitting SpecialistSIGNATURE DATE 9/9/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

☐ Proposed  
☒ As Is

THREE RIVERS 2-25-820  
Sec 2, 8S, 20E

GL: 4,766.0, KB: 4,779.0  
Uintah County, Utah

	Size	Weight	Grade	Depth	Sks/Cmt
<b>Conductor</b>	16	45	ARJ-55	120	
<b>Surface</b>	8 5/8	24	J-55	1017	131
<b>Production</b>	5 1/2	17	J-55	6801	679
<b>Tubing</b>				4542	
<b>Cement Top</b>				250	

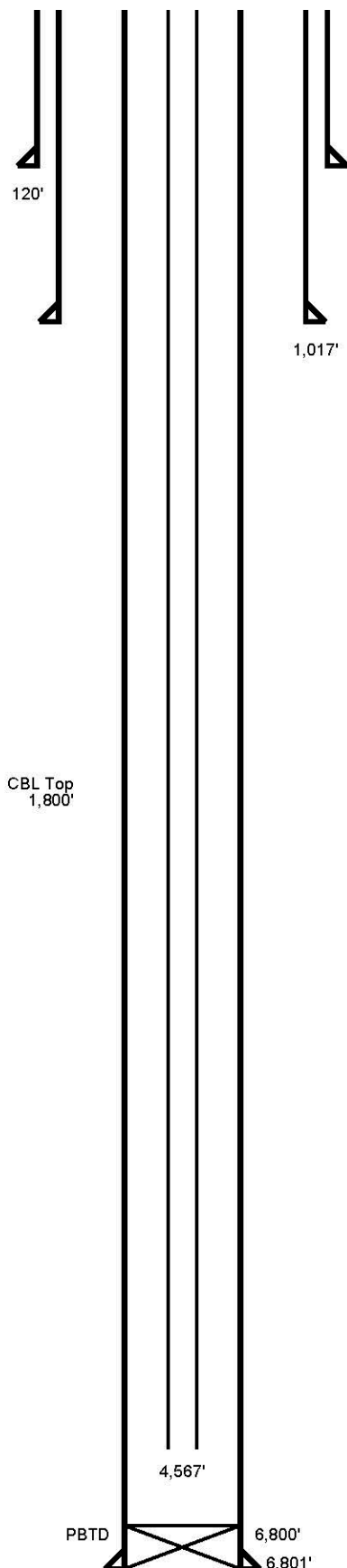
STAGE	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7
1	6721-6722	6715-6716	6707-6708	6659-6660	6654-6655	6641-6642	6628-6629
2	6493-6495	6475-6476	6455-6456	6431-6432	6422-6423	6401-6402	6383-6384
3	6262-6264	6252-6253	6247-6248	6236-6237	6221-6222	6205-6206	6192-6193
4	6084-6085	6063-6064	6023-6024	6011-6012	5961-5962	5931-5932	5892-5893
5	5445-5446	5441-5442	5436-5437	5405-5406	5364-5365	5311-5312	5281-5282
6	5158-5159	5147-5148	5134-5135	5114-5115	5097-5098	5089-5090	5081-5082

Stage	Date	Av. Rate	Av. Press	Proppant	Clean Fluid	Tracer	Screenout
1	08/06/2014	47.0	2,332	106,090	3,706		N
2	08/06/2014	50.0	2,440	141,475	4,562		N
3	08/06/2014	46.0	3,010	146,548	4,627		N
4	08/06/2014	48.0	2,707	240,839	6,414		N
5	08/07/2014	49.0	2,927	93,068	2,617		N
6	08/07/2014	50.0	2,098	142,912	3,746		N
			Totals:	870,932	25,672		

Actual Formation or Depth	Top	Sand Type	Amount
		Gross Sand Drilled	
		Gross Sand Logged	
		Net Sand	
		Net Pay	

Move In	Spud Date	TD Date	Rig Release	1st Prod	Full Sales
07/17/2014	07/21/2014	07/24/2014	07/26/2014	08/09/2014	

Tbg Date	Depth	OD	ID	Weight	Grade	Thread	Csg Size	1st Jt	# Joints	Coil
08/15/2014	4,542.000						5.5		142	N
08/15/2014	4,476.000						5.5		142	N





# ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers 2-25-820 (529' FSL &amp; 950' FWL)

Field: UINTAH COUNTY

Well: Three Rivers 2-25-820

Facility: Sec.02-T8S-R20E

Wellbore: Three Rivers 2-25-820 PWB

Plot reference wellbore is Three Rivers 2-25-820 PWB

True vertical depth is referenced to Capote 921 (RT)

Measured depths are referenced to Capote 921 (RT)

Capote 921 (RT) to Mean Sea Level is 4,780.2 feet

Mean Sea Level to Mean true (M) Sea Level is 2.5-820 (529' FSL, 5,950' FWL), 0 feet

Coordinates are referenced to NAD 83

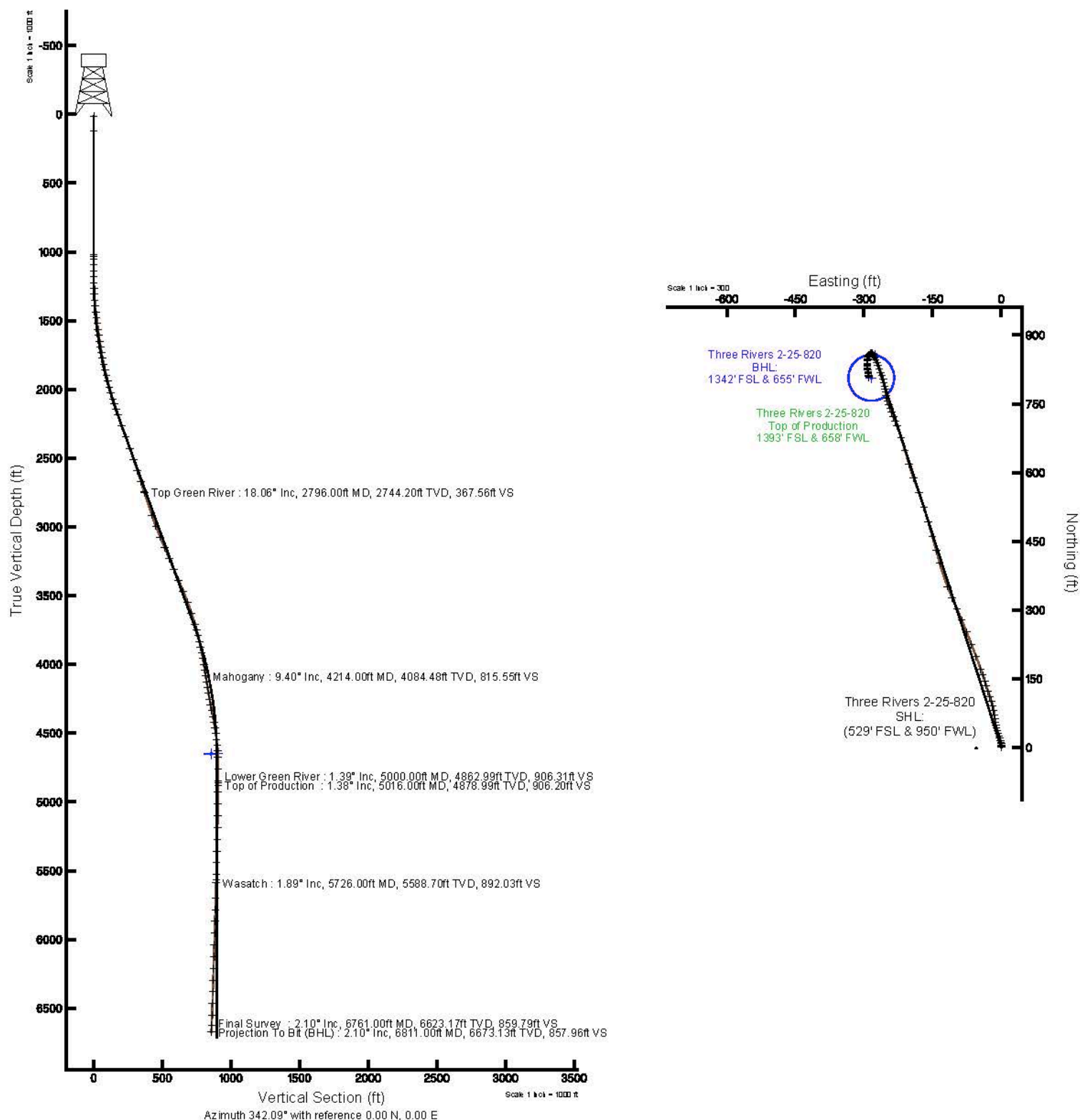
Grid System: NAD83 (Lambert Utah 30° Central Zone 14002), US feet

North Reference: True north

Scale: True distance

Depth is in feet

Created by: aridiana on 03/20/14





# Actual Wellpath Report

Three Rivers 2-25-820 AWP

Page 1 of 5



## REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 2-25-820 (529' FSL & 950' FWL)
Area	Three Rivers	Well	Three Rivers 2-25-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 2-25-820 AWB
Facility	Sec.02-T8S-R20E		

## REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	Ewilliams
Scale	0.999914	Report Generated	9/5/2014 at 10:27:24 AM
Convergence at slot	1.19° East	Database/Source file	WellArchitectDB/Three Rivers 2-25-820 AWB.xml

## WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-4094.38	365.76	2159887.28	7227339.53	40°08'45.970"N	109°38'29.640"W
Facility Reference Pt			2159436.62	7231425.08	40°09'26.431"N	109°38'34.350"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

## WELLPATH DATUM

Calculation method	Minimum curvature	Capstar 321 (RT) to Facility Vertical Datum	4780.20ft
Horizontal Reference Pt	Slot	Capstar 321 (RT) to Mean Sea Level	4780.20ft
Vertical Reference Pt	Capstar 321 (RT)	Capstar 321 (RT) to Mud Line at Slot (Three Rivers 2-25-820 (529' FSL & 950' FWL))	4780.20ft
MD Reference Pt	Capstar 321 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	342.09°





# Actual Wellpath Report

Three Rivers 2-25-820 AWP

Page 2 of 5



## REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 2-25-820 (529' FSL & 950' FWL)
Area	Three Rivers	Well	Three Rivers 2-25-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 2-25-820 AWP
Facility	Sec.02-T8S-R20E		

## WELLPATH DATA (102 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	137.100	0.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
13.00	0.000	137.100	13.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
120.00	0.000	0.000	120.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
1017.00	0.000	0.000	1017.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
1035.00	0.000	0.000	1035.00	0.00	0.00	0.00	40°08'45.970"N	109°38'29.640"W	0.00	
1052.00	0.300	137.100	1052.00	-0.04	-0.03	0.03	40°08'45.970"N	109°38'29.640"W	1.76	
1095.00	0.300	100.800	1095.00	-0.20	-0.14	0.22	40°08'45.969"N	109°38'29.637"W	0.43	
1138.00	0.100	100.800	1138.00	-0.27	-0.16	0.36	40°08'45.968"N	109°38'29.635"W	0.47	
1181.00	0.300	114.600	1181.00	-0.36	-0.22	0.50	40°08'45.968"N	109°38'29.634"W	0.48	
1223.00	1.500	353.900	1222.99	0.10	0.28	0.55	40°08'45.973"N	109°38'29.633"W	3.98	
1266.00	3.300	356.800	1265.95	1.85	2.08	0.42	40°08'45.991"N	109°38'29.635"W	4.19	
1309.00	3.700	354.700	1308.87	4.40	4.70	0.22	40°08'46.016"N	109°38'29.637"W	0.98	
1352.00	4.400	352.700	1351.77	7.38	7.71	-0.12	40°08'46.046"N	109°38'29.642"W	1.66	
1394.00	5.400	347.900	1393.61	10.93	11.24	-0.74	40°08'46.081"N	109°38'29.649"W	2.57	
1437.00	6.500	345.000	1436.38	15.37	15.57	-1.79	40°08'46.124"N	109°38'29.663"W	2.65	
1480.00	7.000	343.000	1479.08	20.42	20.43	-3.19	40°08'46.172"N	109°38'29.681"W	1.28	
1522.00	7.200	340.200	1520.76	25.61	25.35	-4.83	40°08'46.221"N	109°38'29.702"W	0.95	
1565.00	7.100	337.700	1563.43	30.95	30.35	-6.75	40°08'46.270"N	109°38'29.727"W	0.76	
1608.00	7.900	343.000	1606.06	36.56	35.63	-8.62	40°08'46.322"N	109°38'29.751"W	2.46	
1651.00	8.700	345.600	1648.61	42.76	41.61	-10.29	40°08'46.381"N	109°38'29.773"W	2.05	
1693.00	9.400	346.500	1690.09	49.35	48.02	-11.88	40°08'46.445"N	109°38'29.793"W	1.70	
1736.00	9.800	352.500	1732.48	56.45	55.06	-13.18	40°08'46.514"N	109°38'29.810"W	2.50	
1779.00	10.800	353.200	1774.79	64.00	62.69	-14.14	40°08'46.590"N	109°38'29.822"W	2.34	
1822.00	12.400	352.400	1816.91	72.50	71.27	-15.22	40°08'46.674"N	109°38'29.836"W	3.74	
1865.00	13.400	348.800	1858.83	81.99	80.73	-16.80	40°08'46.768"N	109°38'29.856"W	2.98	
1907.00	13.800	348.800	1899.65	91.80	90.42	-18.72	40°08'46.864"N	109°38'29.881"W	0.95	
1950.00	14.400	341.900	1941.36	102.24	100.54	-21.38	40°08'46.963"N	109°38'29.915"W	4.15	
1993.00	15.100	340.200	1982.94	113.18	110.89	-24.94	40°08'47.066"N	109°38'29.961"W	1.91	
2036.00	15.700	341.300	2024.39	124.60	121.67	-28.70	40°08'47.172"N	109°38'30.010"W	1.55	
2088.00	16.600	341.900	2074.34	139.06	135.39	-33.26	40°08'47.308"N	109°38'30.068"W	1.76	
2121.00	17.900	343.800	2105.86	148.84	144.74	-36.14	40°08'47.400"N	109°38'30.105"W	4.29	
2164.00	18.800	341.500	2146.67	162.38	157.66	-40.18	40°08'47.528"N	109°38'30.157"W	2.69	
2206.00	19.500	340.200	2186.35	176.15	170.67	-44.71	40°08'47.657"N	109°38'30.216"W	1.95	
2292.00	19.700	338.300	2267.36	204.96	197.65	-54.93	40°08'47.923"N	109°38'30.347"W	0.78	
2377.00	20.000	340.000	2347.31	233.78	224.62	-65.20	40°08'48.190"N	109°38'30.480"W	0.77	
2463.00	19.500	337.200	2428.26	262.78	251.67	-75.79	40°08'48.457"N	109°38'30.616"W	1.24	
2548.00	19.300	338.100	2508.43	290.93	277.78	-86.53	40°08'48.715"N	109°38'30.754"W	0.42	
2634.00	17.800	336.600	2589.96	318.19	303.03	-97.05	40°08'48.965"N	109°38'30.890"W	1.83	
2719.00	17.700	337.000	2670.91	344.00	326.85	-107.26	40°08'49.200"N	109°38'31.021"W	0.19	
2796.00†	18.062	337.726	2744.20	367.56	348.67	-116.36	40°08'49.416"N	109°38'31.138"W	0.55	Top Green River
2804.00	18.100	337.800	2751.80	370.03	350.97	-117.29	40°08'49.438"N	109°38'31.150"W	0.55	
2975.00	18.500	345.000	2914.17	423.63	401.78	-134.36	40°08'49.940"N	109°38'31.370"W	1.34	
3061.00	21.500	344.700	2994.98	453.00	430.16	-142.05	40°08'50.221"N	109°38'31.469"W	3.49	
3146.00	22.400	343.600	3073.82	484.75	460.73	-150.73	40°08'50.523"N	109°38'31.581"W	1.16	
3232.00	23.000	344.500	3153.15	517.92	492.64	-159.85	40°08'50.838"N	109°38'31.698"W	0.81	





# Actual Wellpath Report

Three Rivers 2-25-820 AWP

Page 3 of 5



## REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 2-25-820 (529' FSL & 950' FWL)
Area	Three Rivers	Well	Three Rivers 2-25-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 2-25-820 AWP
Facility	Sec.02-T8S-R20E		

## WELLPATH DATA (102 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
3317.00	23.300	343.100	3231.31	551.32	524.72	-169.17	40°08'51.155"N	109°38'31.818"W	0.74	
3402.00	22.500	339.700	3309.61	584.38	556.06	-179.70	40°08'51.465"N	109°38'31.954"W	1.82	
3488.00	23.700	339.900	3388.72	618.09	587.73	-191.35	40°08'51.778"N	109°38'32.104"W	1.40	
3573.00	22.200	343.300	3466.99	651.22	619.16	-201.84	40°08'52.089"N	109°38'32.239"W	2.35	
3659.00	20.300	343.300	3547.14	682.38	649.01	-210.79	40°08'52.384"N	109°38'32.354"W	2.21	
3744.00	20.000	343.200	3626.94	711.66	677.05	-219.23	40°08'52.661"N	109°38'32.463"W	0.36	
3829.00	16.000	339.200	3707.76	737.90	701.92	-227.60	40°08'52.906"N	109°38'32.571"W	4.92	
3872.00	14.500	338.500	3749.25	749.19	712.47	-231.67	40°08'53.011"N	109°38'32.623"W	3.51	
3915.00	13.900	335.500	3790.93	759.70	722.18	-235.79	40°08'53.107"N	109°38'32.676"W	2.21	
3958.00	13.200	337.400	3832.74	769.72	731.42	-239.82	40°08'53.198"N	109°38'32.728"W	1.93	
4000.00	12.300	339.800	3873.70	778.97	740.04	-243.21	40°08'53.283"N	109°38'32.772"W	2.49	
4043.00	10.500	336.100	3915.85	787.44	747.92	-246.37	40°08'53.361"N	109°38'32.813"W	4.52	
4086.00	10.500	343.200	3958.13	795.26	755.26	-249.09	40°08'53.433"N	109°38'32.848"W	3.01	
4128.00	8.900	350.500	3999.53	802.30	762.12	-250.74	40°08'53.501"N	109°38'32.869"W	4.80	
4171.00	8.800	350.700	4042.02	808.84	768.65	-251.82	40°08'53.566"N	109°38'32.883"W	0.24	
4214.00	9.400	352.600	4084.48	815.55	775.38	-252.80	40°08'53.632"N	109°38'32.895"W	1.56	Mahogany
4257.00	9.200	352.800	4126.91	822.38	782.27	-253.68	40°08'53.700"N	109°38'32.907"W	0.47	
4299.00	9.800	347.700	4168.34	829.23	789.10	-254.87	40°08'53.768"N	109°38'32.922"W	2.46	
4342.00	10.300	348.500	4210.68	836.70	796.44	-256.41	40°08'53.840"N	109°38'32.942"W	1.21	
4385.00	10.200	344.000	4252.99	844.32	803.87	-258.23	40°08'53.914"N	109°38'32.965"W	1.88	
4428.00	10.900	340.900	4295.27	852.19	811.37	-260.61	40°08'53.988"N	109°38'32.996"W	2.10	
4470.00	11.500	336.800	4336.47	860.33	818.97	-263.56	40°08'54.063"N	109°38'33.034"W	2.37	
4513.00	11.100	339.000	4378.63	868.73	826.77	-266.73	40°08'54.140"N	109°38'33.075"W	1.37	
4556.00	9.900	338.300	4420.91	876.55	834.07	-269.58	40°08'54.212"N	109°38'33.112"W	2.81	
4598.00	8.700	336.700	4462.36	883.32	840.34	-272.17	40°08'54.274"N	109°38'33.145"W	2.92	
4641.00	8.300	335.000	4504.89	889.64	846.14	-274.77	40°08'54.332"N	109°38'33.178"W	1.10	
4684.00	7.300	330.300	4547.49	895.39	851.33	-277.43	40°08'54.383"N	109°38'33.213"W	2.76	
4727.00	5.500	335.800	4590.22	900.11	855.58	-279.63	40°08'54.425"N	109°38'33.241"W	4.42	
4769.00	3.600	330.200	4632.09	903.41	858.56	-281.11	40°08'54.454"N	109°38'33.260"W	4.64	
4812.00	1.800	320.500	4675.04	905.36	860.26	-282.21	40°08'54.471"N	109°38'33.274"W	4.30	
4898.00	0.900	252.400	4761.02	906.62	861.09	-283.72	40°08'54.479"N	109°38'33.294"W	1.96	
4983.00	1.400	240.400	4846.00	906.41	860.38	-285.26	40°08'54.472"N	109°38'33.313"W	0.65	
5000.00†	1.389	236.770	4862.99	906.31	860.16	-285.61	40°08'54.470"N	109°38'33.318"W	0.52	Lower Green River
5016.00†	1.383	233.312	4878.99	906.20	859.94	-285.93	40°08'54.468"N	109°38'33.322"W	0.52	Top of Production
5068.00	1.400	222.100	4930.97	905.68	859.10	-286.86	40°08'54.460"N	109°38'33.334"W	0.52	
5154.00	1.900	212.000	5016.94	904.24	857.11	-288.32	40°08'54.440"N	109°38'33.353"W	0.67	
5239.00	1.300	265.000	5101.91	903.54	855.83	-290.02	40°08'54.427"N	109°38'33.375"W	1.79	
5325.00	2.200	186.000	5187.88	902.25	854.10	-291.17	40°08'54.410"N	109°38'33.390"W	2.71	
5410.00	1.800	193.100	5272.83	899.62	851.18	-291.64	40°08'54.381"N	109°38'33.396"W	0.55	
5496.00	1.700	179.100	5358.79	897.24	848.59	-291.93	40°08'54.356"N	109°38'33.399"W	0.51	
5581.00	1.500	198.300	5443.75	895.14	846.27	-292.26	40°08'54.333"N	109°38'33.404"W	0.67	
5667.00	1.300	214.300	5529.73	893.63	844.40	-293.16	40°08'54.314"N	109°38'33.415"W	0.51	
5702.00	1.900	168.600	5564.72	892.81	843.50	-293.27	40°08'54.305"N	109°38'33.417"W	3.89	
5726.00†	1.888	171.508	5588.70	892.03	842.72	-293.13	40°08'54.298"N	109°38'33.415"W	0.40	Wasatch
5838.00	1.900	185.200	5700.64	888.50	839.04	-293.03	40°08'54.261"N	109°38'33.413"W	0.40	



# Actual Wellpath Report

Three Rivers 2-25-820 AWP

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## REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 2-25-820 (529' FSL & 950' FWL)
Area	Three Rivers	Well	Three Rivers 2-25-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 2-25-820 AWB
Facility	Sec.02-T8S-R20E		

## WELLPATH DATA (102 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
5923.00	1.000	168.800	5785.62	886.46	836.91	-293.01	40°08'54.240"N	109°38'33.413"W	1.16	
6008.00	2.000	182.600	5870.59	884.34	834.70	-292.93	40°08'54.219"N	109°38'33.412"W	1.24	
6094.00	2.100	177.500	5956.53	881.41	831.63	-292.93	40°08'54.188"N	109°38'33.412"W	0.24	
6179.00	1.900	178.900	6041.48	878.56	828.66	-292.84	40°08'54.159"N	109°38'33.411"W	0.24	
6264.00	1.700	167.400	6126.44	875.96	826.03	-292.54	40°08'54.133"N	109°38'33.407"W	0.48	
6350.00	1.800	161.100	6212.40	873.34	823.50	-291.82	40°08'54.108"N	109°38'33.398"W	0.25	
6435.00	1.700	171.200	6297.36	870.76	820.99	-291.19	40°08'54.083"N	109°38'33.390"W	0.38	
6521.00	1.900	176.100	6383.32	868.12	818.31	-290.90	40°08'54.057"N	109°38'33.386"W	0.29	
6606.00	2.100	166.700	6468.26	865.20	815.39	-290.45	40°08'54.028"N	109°38'33.380"W	0.45	
6691.00	2.000	180.300	6553.21	862.24	812.39	-290.10	40°08'53.998"N	109°38'33.376"W	0.58	
6761.00	2.100	160.800	6623.17	859.79	809.96	-289.68	40°08'53.974"N	109°38'33.370"W	1.00	Final Survey
6811.00	2.100	160.800	6673.13	857.96	808.23	-289.08	40°08'53.957"N	109°38'33.363"W	0.00	Projection To Bit (BHL)

## TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Target Box 400' X 400' Center @ 1340' FSL & 660' FWL		4651.20	806.51	-284.22	2159586.39	7228139.89	40°08'53.940"N	109°38'33.300"W	point
Three Rivers 2-25-820 Driller's Target Radius: 5' 1388' FSL & 668' FWL		4651.20	854.51	-276.22	2159593.39	7228188.04	40°08'54.414"N	109°38'33.197"W	circle
Three Rivers 2-25-820 Target On Plat Radius: 50' 1340' FSL & 660' FWL		4651.20	806.51	-284.22	2159586.39	7228139.89	40°08'53.940"N	109°38'33.300"W	circle

## WELLPATH COMPOSITION - Ref Wellbore: Three Rivers 2-25-820 AWB Ref Wellpath: Three Rivers 2-25-820 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
13.00	120.00	Unknown Tool (Standard)	Conductor	Three Rivers 2-25-820 AWB
120.00	1017.00	Unknown Tool (Standard)	Surface	Three Rivers 2-25-820 AWB
1017.00	6761.00	MTC (Collar, post-2000) (Standard)	MWD	Three Rivers 2-25-820 AWB
6761.00	6811.00	Blind Drilling (std)	Projection to bit	Three Rivers 2-25-820 AWB



# Actual Wellpath Report

Three Rivers 2-25-820 AWP

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## REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 2-25-820 (529' FSL & 950' FWL)
Area	Three Rivers	Well	Three Rivers 2-25-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 2-25-820 AWB
Facility	Sec.02-T8S-R20E		

## WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
2796.00	18.062	337.726	2744.20	Top Green River
4214.00	9.400	352.600	4084.48	Mahogany
5000.00	1.389	236.770	4862.99	Lower Green River
5016.00	1.383	233.312	4878.99	Top of Production
5726.00	1.888	171.508	5588.70	Wasatch
6761.00	2.100	160.800	6623.17	Final Survey
6811.00	2.100	160.800	6673.13	Projection To Bit (BHL)



ULTRA RESOURCES, INC.  
DAILY COMPLETION REPORT FOR 08/01/2014 TO 08/14/2014

Well Name	THREE RIVERS 2-25-820	Frac Planned	6
Location:	UINTAH County, UTAH(SWSW 2 8S 20E)	AFE#	140755
Total Depth Date:	07/24/2014 TD 6,811	Formation:	(Missing)
Production Casing:	Size 5 1/2 Wt 17 Grade J-55 Set At 6,801	GL:	KB: 4,779

Date: 08/01/2014			
Tubing:	OD: 2.875" ID: Joints: 142" Depth Set: 4,567"		PBTD: 6,800
Supervisor:	Duncan		
Work Objective:	Logging		
Contractors:	J-W, Knight, BC		
Completion Rig:	J-W	Supervisor Phone: 435-828-1472	
Upcoming Activity:	Completion		
Activities			
0800-1300	MIRU JW WLU, run 4.65" gauge ring fr/surface to 6772'. POH w/gauge ring. Run CBL/GR/CCL fr/6758' to surface. TOC @ 1800'. RDMO WLU.		
1300-1900	MINU Knight 5K BOP. Move in and set frac tanks.		
Costs (\$):	Daily: 5,560	Cum: 5,560	AFE: 964,000

Date: 08/02/2014				
Tubing:		OD: 2.875" ID: Joints: 142" Depth Set: 4,567"		PBTD: 6,800
Supervisor:		(Missing)		
Work Objective:		(Nothing Recorded)		
Contractors:		(Missing)		
Completion Rig: (Missing)			Supervisor Phone: (Missing)	
Upcoming Activity:				
Costs (\$):	Daily:	2,448	Cum:	8,008
			AFE:	964,000

Date: 08/04/2014			
Tubing:	OD: 2.875" ID: Joints: 142" Depth Set: 4,567"		PBTD: 6,800
Supervisor:	Duncan		
Work Objective:	Test casing & wellhead		
Contractors:	RBS, R&R		
Completion Rig:	(Missing)	Supervisor Phone: 435-828-1472	
Upcoming Activity:	Completion		
Activities			
1000-1200	MIRU RBS Test Unit, and test csg, WH, Flow back lines, and BOP to 4,250 psig, good test. RDMO Testers		
Costs (\$):	Daily: 23,443	Cum: 31,451	AFE: 964,000

Date: 08/05/2014			
Tubing:	OD: 2.875" ID: Joints: 142" Depth Set: 4,567"		PBTD: 6,800
Supervisor:	Stringham		
Work Objective:	Perforating		
Contractors:	Cutters		
Completion Rig:	Cutters	Supervisor Phone: 435-790-2326	
Upcoming Activity:	Perf, Frac, and Flowback		
Activities			
0730-0745	Review location hazards including production equipment & producing wells. Discuss the heat, humidity, & need for hydration. Discuss slips, trips, & falls. Review WHD operations, Wireline operations, FB, crane operations, chemical handling, MSDS sheets, & PPE requirements. Discuss traffic control & the use of land guides while backing. Review the reporting of property damage, & personnel injuries. Establish smoking area & Muster area.		
0745-1005	MIRU Cutters Wireline		
1005-1050	Perforate Stage 1 @(6520'-6722').		
1050-1130	RDMO Cutters Wireline. W/O Frac		
Costs (\$):	Daily: 29,103	Cum: 60,554	AFE: 964,000

Date: 08/06/2014			
Tubing:	OD: 2.875" ID: Joints: 142" Depth Set: 4,567"	PBTD:	6,800
Supervisor:	Stringham/Duncan		
Work Objective:	Perf, Frac, and Flowback		
Contractors:	HES, R&R,		
Completion Rig:	Hal, HAL RED T4	Supervisor Phone:	435-790-2326/435-828-1472
Upcoming Activity:	Completion		
Activities			
0500-0845	RU HES.		
0845-0900	Safety meeting with Vendors. WH, WL perforating, & crane operations, PPE, chemical handling, location conditions, stepping, handling & lifting, slips, trips & falls, pinch points, traffic control, backing, land guides, incident reporting , spill containment , JSA's and Muster area. Stay hydrated.		
0900-1014	Frac stage 1.		
1014-1253	Perforate stage 2 (6292'-6495'). Set 5.5" FTFP @ 6515'.		
1253-1430	Frac stage 2.		
1430-1545	Perforate stage 3 (6115'-6264'). Set 5.5" FTFP @ 6284'.		
1545-1725	Frac stage 3.		
1725-1900	Perforate Stage 4 (5706'-6085'). Set 5.5" FTFP @ 6105'.		
1900-2115	Frac Stage 4		
2115-2235	Weather Delay Due To Lightning		
2235-2335	Perforate Stage 5 (5187'-5446'). Set 5.5" FTFP @ 5466'.		
2335-0045	Frac Stage 5		
Costs (\$):	Daily: 13,606	Cum: 74,160	AFE: 964,000

Date: 08/07/2014			
Tubing:	OD: 2.875" ID: Joints: 142" Depth Set: 4,567"	PBTD:	6,800
Supervisor:	Stringham/Duncan		
Work Objective:	Perf, Frac, and Flowback	SSE:	3
Contractors:	HES,R&R,ETS,RNI		
Completion Rig:	Hal, HAL RED T4, IPS CT 2"	Supervisor Phone: 4357902326/4358281472	
Upcoming Activity:	Drill out plug		
Activities			
0500-0845	RU HES.		
2335-0045	Frac Stage 5		
0045-0105	Perforate Stage 6 (5016'-5159') Set 5.5" FTFP @ 5179'		
0105-0335	Frac Stage 6		
	SICP= 1434 PSI.		
0335-0730	RDMO HES.		
0730-0900	MIRU IPS 2" CTU, and equipment. NU stack and flow lines. Pick up injector head and NU lub. Fill coil with water. Install coil connect. Pull test to 25,000# & pressure test to 2500 psi.		
0900-0930	Make up EPS BHA as follows: Coil Connector, Bi-Directional jar, MHA Dual Check Valves, 3/4" Ball Seat (BPV) Hydraulic Disconnect, Dual Circ Sub, 5/8" Ball Seat, 8K Burst Disc, motor and 5 blade 4.625" mill.		
	Function test motor 1500 psi @ 2 bpm.		
0930-0955	NU lubricator. Pressure test stack, lubricator, pump & FB lines to 3500 psi. Bleed pressure to 1000 psi and open rams, ICP @ 900 psi.		
0955-1040	RIH with mill and motor to plug @ 5176'. (Coil depth 5184').		
1040-1100	Drill plug (750 psi).		
1100-1105	Pump a 10 bbl gel sweep. RIH to plug @ 5465'. (Coil depth 5470').		
1105-1134	Drill plug (750 psi).		
1134-1151	Pump a 10 bbl gel sweep. RIH to plug @ 6105'. Tag sand at 6065', wash sand to plug. (Coil depth 6110').		
1151-1202	Drill plug (650 psi).		
1202-1216	Pump a 10 bbl gel sweep. RIH to plug @ 6284'. Tag sand at 6244', wash sand to plug. (Coil depth 6290').		
1216-1226	Drill plug (750 psi).		
1226-1248	Pump a 10 bbl gel sweep. RIH to plug @ 6515'. Tag sand at 6445', wash sand to plug. (Coil depth 6520').		
1248-1302	Drill plug (750 psi).		
1302-1515	RIH to 6568', drilling hard, worked thru to 6784', PBTD @ 6800'. Pump 20 bbl gel sweep, 10 bbl water space & 20 bbl gel sweep. Tag sand at 6634', wash sand to 6784'. Coil PBTD @ 6784'. Make 500' short trip and retag PBTD. POOH @ 50 ft/min for 30 min and then continue POOH. Close Bottom ram. Blow coil dry w/N2.		
	SICP (800 PSI).		
1515-1715	SICP @ 800 PSI. RDMO CTU.		
1715-1716	Open to tank on 16/64 choke, IP @ 800 PSI.		
Costs (\$):	Daily: 107,975	Cum: 182,135	AFE: 964,000

Date: 08/08/2014			
Tubing:	OD: 2.875" ID: Joints: 142" Depth Set: 4,567"	PBTD:	6,800
Supervisor:	Duncan		
Work Objective:	Flow test well		
Contractors:	R&R, RNI		
Completion Rig:	(Missing)	Supervisor Phone:	435-828-1472
Upcoming Activity:	Flow test well		
Costs (\$):	Daily: 0	Cum: 182,135	AFE: 964,000

Date: 08/09/2014			
Tubing:	OD: 2.875" ID: Joints: 142" Depth Set: 4,567"	PBTD:	6,800
Supervisor:	Duncan		
Work Objective:	Flow test well		
Contractors:	R&R, RNI		
Completion Rig:	(Missing)	Supervisor Phone:	435-828-1472
Upcoming Activity:	Turned over to Production Dept		
Costs (\$):	Daily: 25,630	Cum: 207,765	AFE: 964,000

Date: 08/10/2014			
Tubing:	OD: 2.875" ID: Joints: 142" Depth Set: 4,567"	PBTD:	6,800
Supervisor:	Fletcher		
Work Objective:	Turned over to Production Dept		
Contractors:	(Missing)		
Completion Rig:	(Missing)	Supervisor Phone:	3036459812
Upcoming Activity:			
Costs (\$):	Daily: 4,454	Cum: 212,219	AFE: 964,000

Date: 08/12/2014			
Tubing:	OD: 2.875" ID: Joints: 142" Depth Set: 4,567"	PBTD:	6,800
Supervisor:	(Missing)		
Work Objective:	(Nothing Recorded)		
Contractors:	(Missing)		
Completion Rig:	(Missing)	Supervisor Phone:	(Missing)
Upcoming Activity:			
Costs (\$):	Daily: 11,435	Cum: 223,654	AFE: 964,000

Date: 08/13/2014			
Tubing:	OD: 2.875" ID: Joints: 142" Depth Set: 4,567"		PBTD: 6,800
Supervisor:	Jim Burns		
Work Objective:	MI/RU workover rig		
Contractors:	(Missing)		
Completion Rig:	Stone #7		Supervisor Phone: (Missing)
Upcoming Activity:	MI/RU workover rig		
Activities			
1330-1630	move Rig from #16-42L to 2-25.		
	AOL S.I.R.U r/d floor r/u tbq equipment		
	Prep rod's while waiting for KNIGHT TO CHANG OUT RAMS IN BOP.SDFN		
1630-1730	Crew Travel		
Costs (\$):	Daily: 315,650	Cum: 539,304	AFE: 964,000

Date: 08/14/2014			
Tubing:	OD: 2.875" ID: Joints: 142" Depth Set: 4,567"		PBTD: 6,800
Supervisor:	Jim Burns		
Work Objective:	MI/RU workover rig		
Contractors:	(Missing)		
Completion Rig:	Stone #7	Supervisor Phone: (Missing)	
Upcoming Activity:	Well sent to sales		
Activities			
0600-0700	Crew Travel		
0700-1400	am S.M. pump 50bbbs brine. spot pipe trailer prep tbq & Tally. p/u BHA RIH w/tbg to depth land tbq R/D tbq equip N/D BOP. Set 5.5"S.H LH S. T.A.C@4558.90 Land tbq in 10K tention E.O.T@ 4567.20 N/U well head ECT		
1400-1830	Drop standing value. P/u plunger&pull rod prep and RIH w/rods to depth space out p/u polish rod fill tbq w/5bbbs stk test @1000.psi good test r/u unit hang rods on Rig down rig turn to production		
	SDFN		
1830-1930	Crew Travel		
Costs (\$):	Daily: 37,665	Cum: 576,969	AFE: 964,000



ULTRA RESOURCES, INC.  
PERFORATION AND FRAC SUMMARY FOR THREE RIVERS 2-25-820

Well Name: THREE RIVERS 2-25-820			Fracs Planned: 6		
Location: UINTAH County, UTAH (SWSW 002 8S 20E)					
Stage 1		Frac Date: 08/06/2014	Avg Rate: 47.0 BPM	Avg Pressure: 2,332 PSI	
Initial Completion		Proppant: 106,090 lbs total	Max Rate: 63.0 BPM	Max Pressure: 3,911 PSI	
		106090 lbs Ottawa			
Initial Annulus Pressure: 0		Final Annulus Pressure: 0	Pump Down Volume:		
PreFrac SICP:		ISIP: 1,729 PSI	Base BBLS to Recover: 3,706 BBLs		
Pseudo Frac Gradient: 0.690 PSI/FT		Pseudo Frac Gradient: 13.269 LB/GAL			
		Net Pressure: 509 psi	Total BBLS to Recover: 3,706 BBLs		
Breakdown Pressure: 2403		Breakdown Rate: 2.6	Perfs Open:		
ScreenOut: No		Tracer: (None)			
Zones:	Perf Date	SPF	Perf Interval:	From	To
13	08/05/2014	3		6,520	6,521
12	08/05/2014	3		6,531	6,532
11	08/05/2014	3		6,562	6,563
10	08/05/2014	3		6,575	6,576
9	08/05/2014	3		6,583	6,584
8	08/05/2014	3		6,598	6,599
7	08/05/2014	3		6,628	6,629
6	08/05/2014	3		6,641	6,642
5	08/05/2014	3		6,654	6,655
4	08/05/2014	3		6,659	6,660
3	08/05/2014	3		6,707	6,708
2	08/05/2014	3		6,715	6,716
1	08/05/2014	3		6,721	6,722
Stage 2					
Initial Completion		Frac Date: 08/06/2014	Avg Rate: 50.0 BPM	Avg Pressure: 2,440 PSI	
		Proppant: 141,475 lbs total	Max Rate: 62.0 BPM	Max Pressure: 3,915 PSI	
		141475 lbs Ottawa			
Initial Annulus Pressure: 0		Final Annulus Pressure: 0	Pump Down Volume:		
PreFrac SICP:		ISIP: 1,456 PSI	Base BBLS to Recover: 4,562 BBLs		
Pseudo Frac Gradient: 0.657 PSI/FT		Pseudo Frac Gradient: 12.634 LB/GAL			
		Net Pressure: -109 psi	Total BBLS to Recover: 4,562 BBLs		
Breakdown Pressure: 1953		Breakdown Rate: 9.0	Perfs Open:		
ScreenOut: No		Tracer: (None)			
Zones:	Perf Date	SPF	Perf Interval:	From	To
12	08/06/2014	3		6,292	6,293
11	08/06/2014	3		6,318	6,319
10	08/06/2014	3		6,339	6,340
9	08/06/2014	3		6,354	6,355
8	08/06/2014	3		6,362	6,363
7	08/06/2014	3		6,383	6,384
6	08/06/2014	3		6,401	6,402
5	08/06/2014	3		6,422	6,423
4	08/06/2014	3		6,431	6,432
3	08/06/2014	3		6,455	6,456
2	08/06/2014	3		6,475	6,476
1	08/06/2014	3		6,493	6,495
Stage 3					
Initial Completion		Frac Date: 08/06/2014	Avg Rate: 46.0 BPM	Avg Pressure: 3,010 PSI	
		Proppant: 146,548 lbs total	Max Rate: 62.0 BPM	Max Pressure: 3,848 PSI	
		146548 lbs Ottawa			
Initial Annulus Pressure: 0		Final Annulus Pressure: 0	Pump Down Volume:		
PreFrac SICP:		ISIP: 1,857 PSI	Base BBLS to Recover: 4,627 BBLs		
Pseudo Frac Gradient: 0.729 PSI/FT		Pseudo Frac Gradient: 14.024 LB/GAL			
		Net Pressure: -284 psi	Total BBLS to Recover: 4,627 BBLs		
Breakdown Pressure: 3173		Breakdown Rate: 9.5	Perfs Open:		
ScreenOut: No		Tracer: (None)			
Zones:	Perf Date	SPF	Perf Interval:	From	To
12	08/06/2014	3		6,115	6,116
11	08/06/2014	3		6,127	6,128
10	08/06/2014	3		6,156	6,157
9	08/06/2014	3		6,165	6,166
8	08/06/2014	3		6,176	6,177
7	08/06/2014	3		6,192	6,193
6	08/06/2014	3		6,205	6,206
5	08/06/2014	3		6,221	6,222
4	08/06/2014	3		6,236	6,237
3	08/06/2014	3		6,247	6,248
2	08/06/2014	3		6,252	6,253
1	08/06/2014	3		6,262	6,264

Stage 4	Frac Date: 08/06/2014	Avg Rate: 48.0 BPM	Avg Pressure: 2,707 PSI
Initial Completion	Proppant: 240,839 lbs total 240839 lbs Ottawa	Max Rate: 61.0 BPM	Max Pressure: 3,912 PSI
	Initial Annulus Pressure: 0	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,915 PSI	Base BBLS to Recover: 6,414 BBLs
	Pseudo Frac Gradient: 0.748 PSI/FT	Pseudo Frac Gradient: 14.375 LB/GAL	
		Net Pressure: 22 psi	Total BBLS to Recover: 6,414 BBLs
	Breakdown Pressure: 2995	Breakdown Rate: 3.8	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
13	08/06/2014	3	5,706 5,707
12	08/06/2014	3	5,724 5,725
11	08/06/2014	3	5,734 5,735
10	08/06/2014	3	5,778 5,779
9	08/06/2014	3	5,807 5,808
8	08/06/2014	3	5,851 5,852
7	08/06/2014	3	5,892 5,893
6	08/06/2014	3	5,931 5,932
5	08/06/2014	3	5,961 5,962
4	08/06/2014	3	6,011 6,012
3	08/06/2014	3	6,023 6,024
2	08/06/2014	3	6,063 6,064
1	08/06/2014	3	6,084 6,085
Stage 5	Frac Date: 08/07/2014	Avg Rate: 49.0 BPM	Avg Pressure: 2,927 PSI
Initial Completion	Proppant: 93,068 lbs total 93068 lbs Ottawa	Max Rate: 61.0 BPM	Max Pressure: 3,777 PSI
	Initial Annulus Pressure: 0	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,960 PSI	Base BBLS to Recover: 2,617 BBLs
	Pseudo Frac Gradient: 0.793 PSI/FT	Pseudo Frac Gradient: 15.243 LB/GAL	
		Net Pressure: -784 psi	Total BBLS to Recover: 2,617 BBLs
	Breakdown Pressure: 2632	Breakdown Rate: 8.5	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
12	08/06/2014	3	5,187 5,188
11	08/06/2014	3	5,218 5,219
10	08/06/2014	3	5,227 5,228
9	08/06/2014	3	5,246 5,247
8	08/06/2014	3	5,268 5,269
7	08/06/2014	3	5,281 5,282
6	08/06/2014	3	5,311 5,312
5	08/06/2014	3	5,364 5,365
4	08/06/2014	3	5,405 5,406
3	08/06/2014	3	5,436 5,437
2	08/06/2014	3	5,441 5,442
1	08/06/2014	3	5,445 5,446
Stage 6	Frac Date: 08/07/2014	Avg Rate: 50.0 BPM	Avg Pressure: 2,098 PSI
Initial Completion	Proppant: 142,912 lbs total 142912 lbs Ottawa	Max Rate: 61.0 BPM	Max Pressure: 3,505 PSI
	Initial Annulus Pressure: 0	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,434 PSI	Base BBLS to Recover: 3,746 BBLs
	Pseudo Frac Gradient: 0.711 PSI/FT	Pseudo Frac Gradient: 13.668 LB/GAL	
		Net Pressure: -281 psi	Total BBLS to Recover: 3,746 BBLs
	Breakdown Pressure: 1543	Breakdown Rate: 6.4	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
13	08/07/2014	3	5,016 5,017
12	08/07/2014	3	5,030 5,031
11	08/07/2014	3	5,040 5,041
10	08/07/2014	3	5,046 5,047
9	08/07/2014	3	5,057 5,058
8	08/07/2014	3	5,071 5,072
7	08/07/2014	3	5,081 5,082
6	08/07/2014	3	5,089 5,090
5	08/07/2014	3	5,097 5,098
4	08/07/2014	3	5,114 5,115
3	08/07/2014	3	5,134 5,135
2	08/07/2014	3	5,147 5,148
1	08/07/2014	3	5,158 5,159

## Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	8/6/2014
Job End Date:	8/7/2014
State:	Utah
County:	Uintah
API Number:	43-047-52690-00-00
Operator Name:	Ultra Resources
Well Name and Number:	Three River 2-25-820
Longitude:	-109.64165000
Latitude:	40.14060000
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	7,500
Total Base Water Volume (gal):	1,072,240
Total Base Non Water Volume:	0



### Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Fresh Water	Operator	Base Fluid					
			Fresh Water	7732-18-5	100.00000	90.47966	Density = 8.330
SAND - PREMIUM WHITE	Halliburton	Proppant					
			Crystalline silica, quartz	14808-60-7	100.00000	8.69429	
LoSurf-300D	Halliburton	Non-ionic Surfactant					
			Ethanol	64-17-5	60.00000	0.04868	
			Heavy aromatic petroleum naphtha	64742-94-5	30.00000	0.02434	
			Naphthalene	91-20-3	5.00000	0.00406	
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5.00000	0.00406	
			1,2,4 Trimethylbenzene	95-63-6	1.00000	0.00081	
HYDROCHLORIC ACID 5-10%	Halliburton	Solvent					
			Hydrochloric acid	7647-01-0	10.00000	0.05258	
WVG-35 GELLING AGENT	Halliburton	Gelling Agent					
			Guar gum	9000-30-0	100.00000	0.04262	
BC-140	Halliburton	Crosslinker					
			Monoethanolamine borate	26038-87-9	60.00000	0.02334	

			Ethylene glycol	107-21-1	30.00000	0.01167	
Cla-Web™	Halliburton	Additive					
			Ammonium salt	Confidential	60.00000	0.02995	Denise Tuck, Halliburton 3000 N. Sam Houston Pkwy E., Houston, TX 77032 281-871-6226
MC MX 2-2738	Multi-Chem	Scale Inhibitor					
			Phosphonic Acid Salt	Proprietary	30.00000	0.01211	
			Methanol	67-56-1	30.00000	0.01211	
			Acetic Acid	64-19-7	5.00000	0.00202	
FR-66	Halliburton	Friction Reducer					
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01130	
HAI-404M™	Halliburton	Corrosion Inhibitor					
			Aldehyde	Confidential	30.00000	0.00150	
			Isopropanol	67-63-0	30.00000	0.00150	
			Methanol	67-56-1	30.00000	0.00150	
			1-(Benzyl)quinolinium chloride	15619-48-4	10.00000	0.00050	
			Quaternary ammonium salt	Confidential	10.00000	0.00050	
OPTIFLO-HTE	Halliburton	Breaker					
			Walnut hulls	Mixture	100.00000	0.00238	
			Crystalline silica, quartz	14808-60-7	30.00000	0.00071	
SP BREAKER	Halliburton	Breaker					
			Sodium persulfate	7775-27-1	100.00000	0.00177	
MC B-8614	Halliburton	Biocide					
			Alkyl (C12-16) dimethylbenzylammonium chloride	68424-85-1	5.00000	0.00094	
			Glutaraldehyde	111-30-8	30.00000	0.00052	
FE-1A ACIDIZING COMPOSITION	Halliburton	Additive					
			Acetic anhydride	108-24-7	100.00000	0.00054	
			Acetic acid	64-19-7	60.00000	0.00033	
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Ingredient(s)					
			Water	7732-18-5		0.62636	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.02434	
		Other Ingredient(s)					
			Polyacrylamide copolymer	Confidential		0.01130	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.00811	
		Other Ingredient(s)					
			Sodium chloride	7647-14-5		0.00438	
		Other Ingredient(s)					



			Quaternary amine	Confidential		0.00250	
		Other Ingredient(s)					
			Alcohols, C12-16, ethoxylated	68551-12-2		0.00238	
		Other Ingredient(s)					
			Modified bentonite	Confidential		0.00213	
		Other Ingredient(s)					
			Fatty acid tall oil amide	Confidential		0.00188	
		Other Ingredient(s)					
			Ammonium chloride	12125-02-9		0.00188	
		Other Ingredient(s)					
			Naphthenic acid ethoxylate	68410-62-8		0.00150	
		Other Ingredient(s)					
			Cured acrylic resin	Confidential		0.00071	
		Other Ingredient(s)					
			Polyethoxylated fatty amine salt	61791-26-2		0.00050	
		Other Ingredient(s)					
			Fatty acids, tall oil	Confidential		0.00050	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00050	
		Other Ingredient(s)					
			Ethoxylated nonylphenol	Confidential		0.00043	
		Other Ingredient(s)					
			Silica, amorphous - fumed	7631-86-9		0.00043	
		Other Ingredient(s)					
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6		0.00038	
		Other Ingredient(s)					
			Sorbitan, mono-9- octadecenoate, (Z)	1338-43-8		0.00038	
		Other Ingredient(s)					
			Ethoxylated amine	Confidential		0.00025	
		Other Ingredient(s)					
			Enzyme	Confidential		0.00012	
		Other Ingredient(s)					
			Ammonium phosphate	7722-76-1		0.00005	
		Other Ingredient(s)					
			Sodium iodide	7681-82-5		0.00005	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00005	
		Other Ingredient(s)					
			Amine salts	Confidential		0.00005	
		Other Ingredient(s)					
			Amine salts	Confidential		0.00005	
		Other Ingredient(s)					
			Crystalline silica, quartz	14808-60-7		0.00004	
		Other Ingredient(s)					

Sundry Number: 55295 API Well Number: 43047526900000

			Cured acrylic resin	Confidential		0.00002	
		Other Ingredient(s)					
			C.I. Pigment Red 5	6410-41-9		0.00002	
		Other Ingredient(s)					
			Sodium sulfate	7757-82-6		0.00000	

\* Total Water Volume sources may include fresh water, produced water, and/or recycled water

\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)



Well Name: Three Rivers 2-25-820 1 Green River

# HALLIBURTON

Date, Time & SO: 08/05/14 8:58 AM 901555578  
Top & Bottom Perfs: 6520 TO 6660.0  
Mid-Perf: 6621

BHST: 168

Stage	Sludge Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure		Pressure (psi)	Prop Conc		WG-35 9000-30-0 (Gel) (gpt)	BC 140 590-29-4 (Xliner) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Opilite HTE 7727-54-0 (Breaker) (gpt)	SP 7715-27-1 (Breaker) (gpt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bactericide) (gpt)		
									Ave (psi)	Max (psi)		Avg (PPG)	Max (PPG)											
1	Pre-Pad	2	0:00:13	FR Water	93	0	0.7	5.2	578	2404	125	0.00	0.00			0	1.00	0.50			0.50	0.20		
2	10 PPG	24	0:02:23	15 % HCL Acid	1000	0	9.3	13.2	1746	1488						0	1.00	0.50			0.50	0.20		
3	10 PPG	994	0:16:34	FR Water	41767	0	55.5	63.0	2393	3673	1483					0	1.00	0.50			0.50	0.20		
4	40.35 PPG White Sand	1350	0:22:30	FR Water	55734	17556	60.3	60.4	2228	2354	2123	0.32	0.36			0	1.00	0.50			0.50	0.20		
5	50.35 PPG White Sand	122	0:02:02	FR Water	5041	1785	60.2	60.2	2451	2522	2353	0.35	0.37			0	1.00	0.50			0.50	0.20		
6	60.35 PPG White Sand	121	0:02:01	FR Water	5008	1698	60.1	60.2	2686	2892	2489	0.34	0.36	11.00	0.50	0	1.00	0.50			0.50	0.20		
7	10 PPG	314	0:05:14	18# Delta 140	13179	0	38.0	62.0	2335	3181	1816			18.00	0.74	0	1.00	0.50	0.25	0.81	0.40	0.20		
8	2 PPG White Sand	331	0:05:31	18# Delta 140	12671	22225	59.2	60.6	2346	3256	2183	1.75	2.01	18.00	1.80	0	1.00	0.50	0.25	1.00	0.50	0.20		
9	4 PPG White Sand	205	0:03:25	18# Delta 140	7198	26301	60.5	60.7	2681	2799	2543	3.65	4.04	18.00	1.80	0	1.00	0.50	0.25	1.00	0.50	0.20		
10	6 PPG White Sand	221	0:03:41	18# Delta 140	7173	37766	60.6	61.4	2511	2551	2459	5.27	6.08	18.00	1.80	0	1.00	0.50	1.00	0.50		0.20		
							0																	
							0																	
							0																	
							0																	
11	Flush	162	0:02:42	FR Water	6792	0	53.3	61.0	3121	3911	1636	0.00	0.00				1.00	0.50			0.40	0.20		
						0																		
						0																		
	Grower @ Flush	57			2400	0								50.00			0.00				0.00			
														Calculated Amt	779.07	60.93	0.00	154.86	77.33	79.60	37.72	18.79	59.54	30.93
														Actual Amt	819.00	59.90	0.00	154.50	77.40	79.70	38.30	19.10	55.50	31.80
														Percent Variance	5.1%	-1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.6%	0.0%	
														Strip Amt	820.00	60.00	0.0%	154.00	77.00	80.00	40.00	20.00	50.50	30.00
														Percent Variance	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	6.4%	-10.7%	0.0%	

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 3846  
Pump Time (Min) 1:06:16  
Clean Fluid (gal) 155558  
Proppant (lb) 120196

Avg Rate 47.1 BPM  
Avg Corrected Rate 51.7 BPM  
Max Rate 63.0 BPM  
Average Prop Con 1.9  
Average Pressure 2332.4 PSI  
Maximum Pressure 3911.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.34 PPG  
Wellhead Pressure: 126 PSI  
Broke Back: 2403 PSI  
Pressure (Prop at Perf): 2189 PSI  
Initial ISIP: 1729 PSI

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 105,800 Lbs  
% of Job Prop Mesh Quantity Units  
0% None 2840 Lbs  
0% TLC 2840 Lbs  
100% White Sand 2840 Lbs

Initial Annulus Pressure 0.0 PSI  
Final Annulus Pressure 0.0 PSI  
Average Annulus Pressure 0.0 PSI  
Change in Annulus Pressure 0.0 PSI

CLEAN STREAM:

UV1 HRS 422 UV2 HRS 423 Transm % 47.9

2.6 BPM  
60.3 BPM  
0.695 PSI/FT

COMMENTS:

HES Engineer: Paul McLean  
Co. Rep: Joe Duncan  
Crew: RED B

Good job by Crew  
3bbl overflush per Co Rep  
lost tub on grower in stage 7, brought back up and reestablished x-link  
FR-66 brought on manually in flush

Well Name: Three Rivers 2-25-820 2 Green River

Date, Time & SO: 08/06/14 1:08 PM 901565578  
Top & Bottom Perfs: 6292 TO 6456 0  
Mid-Perf: 6394 BHST: 164

# HALLIBURTON

Liquid Additives										Liquid Additives												
Stage	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	WG-35	BC 140	BA-20	LoSurf-3000	CLA-Web	MC MX 2-2822	Optiflo HTE	SP	FR-66	MC B-8614
	(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)	(Gel) (ppt)	(Xlinker) (ppt)	(Buffer) (ppt)	(Clay Cont.) (ppt)	(Conduct. Enh.) (ppt)	(Breaker) (ppt)	(Breaker) (ppt)	(Fic Red) (ppt)	(Bactericide) (ppt)	
1 Pre-Pad	7	0:00:41	FR Water	284	0	3.1	9.5	1240	1970	778	0.00	0.00			0	1.00	0.50				0.50	0.20
2 0 PPG	24	0:02:23	15 % HCL Acid	1000	0	9.9	13.6	1998	2016	1969					0							
3 0 PPG	1310	0:21:50	FR Water	55031	0	56.8	60.4	2674	3915	2006						1.00	0.50	0.43			0.50	0.20
4 0.35 PPG White Sand	1891	0:31:31	FR Water	78091	27176	60.1	60.4	2680	2831	2358	0.35	0.40			0	1.00	0.50	0.45			0.50	0.20
5 0.35 PPG White Sand	121	0:02:01	FR Water	5005	1727	60.1	60.1	2751	2779	2748	0.35	0.36			0	1.00	0.50	2.00			0.50	0.20
6 0.35 PPG White Sand	122	0:02:02	FR Water	5023	1778	60.1	60.1	2742	2765	2710	0.35	0.37	10.00	0.80	0	1.00	0.50	0.25			0.50	0.20
7 0 PPG	132	0:02:12	18# Delta 140	5526	0	60.0	60.1	2811	2897	2728			18.00	1.80	0	1.00	0.50	0.25	1.00	0.50	0.50	0.20
8 2 PPG White Sand	444	0:07:24	18# Delta 140	16989	33468	60.2	60.4	2747	3012	2540	1.97	2.36	18.00	1.80	0	1.00	0.50	0.25	1.00	0.50	0.50	0.20
9 4 PPG White Sand	275	0:04:35	18# Delta 140	9657	37073	60.3	60.4	2457	2628	2285	3.84	4.05	18.00	1.80	0	1.00	0.50	0.25	1.00	0.50	0.50	0.20
10 6 PPG White Sand	272	0:04:32	18# Delta 140	8835	43910	60.3	61.7	2256	2394	2030	4.97	6.24	18.00	1.50	0	1.00	0.50		1.00	0.50	0.50	0.20
						0																
						0																
						0																
						0																
11 Flush	146	0:02:26	FR Water	6142	0	59.1	60.8	2476	2713	1172	0.00	0.00				1.00	0.50				0.50	0.20
						0																
						0																
Grower @ Flush	57			2400	0								50.00			0.00					0.00	
											Calculated Amt		788.36	75.16	0.00	190.58	95.29	76.17	41.01	20.50	74.79	36.12
											Actual Amt		799.00	74.80	0.0%	191.60	95.90	77.10	40.90	20.40	74.80	36.40
											Percent Variance		1.4%	0.0%	0.0%	0.5%	0.0%	-1.4%	0.0%	0.0%	0.0%	0.0%
											Strip Amt		799.00	68.50	0.0%	184.00	97.00	73.00	40.00	20.00	64.50	39.00
											Percent Variance		1.4%	-8.5%	0.0%	-3.5%	1.8%	-6.5%	-2.5%	0.0%	-13.8%	0.0%

Slurry (bbl)

4744

Pump Time (Min)

121:37

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 4744  
Pump Time (Min) 1:21:37  
Clean Fluid (gal) 191583  
Proppant (lb) 156458

Avg Rate 50.0 BPM  
Avg Corrected Rate 54.7 BPM  
Max Rate 61.7 BPM  
Average Prop Con 2.0  
Average Pressure 2440.2 PSI  
Maximum Pressure 3915.0 PSI

BREAKDOWN INFORMATION:  
Base Fluid: 8.25 PPG  
Wellhead Pressure: 1536 PSI  
Broke Back: 1953 PSI  
Pressure (Prop at Perf): 2483 PSI  
Initial ISIP: 1456 PSI/FT

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 141,772 Lbs  
% of Job Prop Mesh Quantity Units  
0% None 2040 Lbs  
0% TLC 2040 Lbs  
100% White Sand 141,772 Lbs

Initial Annulus Pressure 0.0 PSI  
Final Annulus Pressure 0.0 PSI  
Average Annulus Pressure 0.0 PSI  
Change in Annulus Pressure 0.0 PSI

CLEAN STREAM:

UV1 Hrs	UV2 Hrs	Trans %
423	425	74.6

COMMENTS:

HES Engineer: Paul McLean

Co. Rep: Joe Duncan

Crew: RED 9

Equipment running well

Xlink samples look good

Good job by Crew

3bbl overflush per Co Rep

# HALLIBURTON

Well Name: Three Rivers 2-25-820 3 Green River

Date, Time & SO: 08/06/14 3:56 PM 901565578  
Top & Bottom Perfs: 6115 TO 6248.0  
Mid-Perf: 6180

BHST: 161

\*F

Stage	Sludge Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure		Pressure (psi)	Prop Conc		WG-35 9000-30-0 (Gel) (gpt)	BC 140 590-29-4 (Xliner) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-3000 (gpt)	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2622 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (gpt)	SP 7775-27-1 (Breaker) (gpt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bactericide) (gpt)
									Ave (psi)	Max (psi)		Avg (PPG)	Max (PPG)										
1	Pre-Pad	7	0:00:39	FR Water	275	0	4.0	9.5	1944	3173	1130	0.00	0.00			0	1.00	0.50				0.30	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	10.0	11.2	3057	3205	2825	0.00	0.00			0							
3	0 PPG	1350	0:22:30	FR Water	58718	0	53.0	60.4	3306	3848	2680	0.00	0.00			0	1.00	0.50	0.44			0.30	0.20
4	0.35 PPG White Sand	1955	0:32:35	FR Water	80708	27,441	60.2	60.4	3147	3553	3389	0.34	0.48			0	1.00	0.50	0.44			0.65	0.20
5	0.35 PPG White Sand	121	0:02:01	FR Water	5006	1,652	60.0	60.1	3480	3553	3389	0.33	0.34			0	1.00	0.50	2.00			0.70	0.20
6	0.35 PPG White Sand	121	0:02:01	FR Water	5014	1,725	60.1	61.6	3516	3570	3470	0.34	0.36	10.00		0	1.00	0.50	0.25			0.70	0.20
7	0 PPG	75	0:01:15	18# Delta 140	3159	0	60.0	60.1	3582	3582	3639	0.00	0.00	18.00	1.60	0	1.00	0.50	0.25	1.00	0.50	0.70	0.20
8	2 PPG White Sand	457	0:07:37	18# Delta 140	17476	35,406	57.8	58.0	3110	3250	2973	2.03	2.42	18.00	1.90	0	1.00	0.50	0.25	1.00	0.50	0.70	0.20
9	4 PPG White Sand	283	0:04:33	18# Delta 140	9942	37,978	57.9	58.0	3110	3250	2873	3.82	4.03	18.00	2.00	0	1.00	0.50	0.25	1.00	0.50	0.50	0.20
10	6 PPG White Sand	278	0:04:38	18# Delta 140	9015	47,148	58.0	60.8	2790	3041	2408	5.23	6.09	18.00	2.00	0	1.00	0.50	0.25	0.90	0.50	0.20	0.20
						0																	
						0																	
						0																	
						0																	
11	Flush	144	0:02:24	FR Water	6033	0	28.9	58.7	2092	3047	2408	0.00	0.00				1.00	0.50				0.70	0.20
	Growler @ Flush	57			2400	0																	

Slurry (bbl) 4815  
Pump Time (Min) 1:22:46  
Clean Fluid (gal) 194346  
Proppant (lb) 160565

Avg Rate 48.3 BPM  
Avg Corrected Rate 50.0 BPM  
Max Rate 81.8 BPM  
Average Prop Con 1.3  
Average Pressure 3010.4 PSI  
Maximum Pressure 3848.0 PSI

## BREAKDOWN INFORMATION:

Base Fluid: 8.21 PSI  
Wellhead Pressure: 1309 PSI  
Broke Back: 3173 PSI  
Pressure (Prop at Perfs): 3030 PSI  
Initial ISIP: 1145 PSI  
ISDP: 1857 PSI

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 146,004 Lbs  
% of Job  
0% None  
0% TLC  
100% White Sand

Initial Annulus Pressure 0.0 PSI  
Final Annulus Pressure 0.0 PSI

Average Annulus Pressure 0.0 PSI  
Change in Annulus Pressure 0.0 PSI

CLEAN STREAM:  
UV1 HRS 423  
UV2 HRS 425  
Transm-% 82.0

## COMMENTS:

Variance 0.0%  
MB Vari 3.7%  
SS Vari 3.7%  
Dens Vari 0.4%  
SC Vari 1.0%

Calculated Amt 762.80  
Actual Amt 756.00  
Percent Variance -0.9%  
Strap Amt 756.00  
Percent Variance -0.9%

Percent Variance is reported as 0% if variance is within 1 gallon.

HIES Engineer: Paul McLean

Co Rep: Joe Duncan  
Crew: RED 8  
Equipment running well  
Xlink samples look good  
Good job by Crew

3bbl overflush per Co Rep  
Changed BC-140 set point to a 2.0gpt in stage 7 because crosslink looked a little weak  
Treater stopped flush at casing volume, we came back online to displace the additional 3bbl.

# HALLIBURTON

Well Name: Three Rivers 2-25-820 4 Green River

Date, Time & SO: 08/05/14 7:06 PM 901555578  
Top & Bottom Perfs: 5706 TO 6012.0  
Mid-Perf: 5986

BHST: 156

Stage	Slurry Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry		Pressure		Pressure		Prop Conc		Liquid Additives					Liquid Additives				
							Rate (bpm)	Max Slurry Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)	WG-30-4 9000-30-0 (Gel) (gpt)	BC 140 590-29-4 (Xinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-3000 (gpt)	CLA-Web (Clay Cont.) (gpt)	MC MAX 2-2622 (Conduct Enh.) (gpt)	Optifite HTE 7715-27-1 (Breaker) (gpt)	SP 7775-27-1 (Breaker) (gpt)	FR-46 (Fire Red) (gpt)	MC B-8614 7681-52-9 (Bactericide) (gpt)	
1	Pre-Pad	9	0:00:53	FR Water	370	0	2.6	10.2	1841	2993	880	0.00	0.00											
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	6.9	10.5	2466	3235	1951	0.00	0.00											
3	0 PPG	1773	0:29:33	FR Water	74454	0	50.2	60.6	3013	3912	2113	0.00	0.00											
4	0.5 PPG White Sand	3024	0:50:24	FR Water	123952	62100	60.3	60.6	3000	3353	2642	0.50	0.51											
5	0.5 PPG White Sand	123	0:02:03	FR Water	5029	2515	60.4	60.4	3010	3048	2978	0.50	0.51											
6	0.5 PPG White Sand	123	0:02:03	FR Water	5025	2569	60.4	60.4	3024	3091	2979	0.53	0.55											
7	0 PPG	0	0:00:00	16# Delta 140	1	0																		
8	0.2 PPG White Sand	688	0:11:28	16# Delta 140	26324	51516	60.2	60.4	2940	3147	2795	1.98	2.04											
9	0.4 PPG White Sand	427	0:07:07	16# Delta 140	14978	57516	60.2	60.4	2970	2908	2500	3.84	4.06											
10	0.6 PPG White Sand	389	0:06:29	16# Delta 140	12625	66440	60.2	60.5	2382	2578	1774	5.42	6.13											
						0																		
						0																		
						0																		
						0																		
11	Flush	134	0:02:14	FR Water	5636	0	56.5	60.5	2726	3082	1698	0.00	0.00											
						0																		
						0																		
	Growler @ Flush	57			2400	0																		
																		</						

Slurry (bbl) 6712  
Pump Time (min) 1:54:35  
Clean Fluid (gal) 269594  
Proppant (lb) 255313

Avg Rate 47.8 BPM  
Avg Corrected Rate 52.8 BPM  
Max Rate 60.8 BPM  
Average Prop Con 1.6  
Average Pressure 2707.2 PSI  
Maximum Pressure 3912.0 PSI

BREAKDOWN INFORMATION:  
Base Fluid: 8.22 PPG  
Wellhead Pressure: 683 PSI  
Broke Back: 2995 PSI  
Pressure (Prop at Perf): 2723 PSI  
Initial ISIP: 693 PSI  
ISDP: 1915 PSI

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 239,200 Lbs  
% of Job  
None 2840 Lbs  
TLC 2840 Lbs  
White Sand 239,200 Lbs

Initial Annulus Pressure 0.0 PSI  
Final Annulus Pressure 0.0 PSI

CLEAN STREAM:

UV1 HRS 427  
UV2 HRS 428  
Transmit % 32.7

COMMENTS:

Variance 0.0%  
MB Vari 2.3%  
SS Vari 3.1%  
Dens Vari 0.7%  
SC Vari -0.7%

Average Annulus Pressure 0.0 PSI  
Change in Annulus Pressure 0.0 PSI

HES Engineer: Gregory Carr

Co. Rep: Bart Shingham

Checker: RED C

Equipment running well

Xlink samples look good

Good job by Crew

3bbl overflush per Co Rep

In stage 4 per Co Rep we went to a 0.7gpt on FR-66 seip.

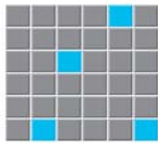
Crosslink was confirmed in stage 6 per Co Rep we skipped pad stage 7.







<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-49318			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> ULTRA RESOURCES INC		<b>7. UNIT or CA AGREEMENT NAME:</b>			
<b>3. ADDRESS OF OPERATOR:</b> 304 Inverness Way South #295, Englewood, CO, 80112		<b>8. WELL NAME and NUMBER:</b> THREE RIVERS 2-25-820			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0529 FSL 0951 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 02 Township: 08.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047526900000			
<b>9. FIELD and POOL or WILDCAT:</b> THREE RIVERS		<b>COUNTY:</b> UINTAH			
<b>STATE:</b> UTAH					
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>3/15/2015</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input type="text" value="Interconnect Corridor"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Interconnect Corridor"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Interconnect Corridor"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  <div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p>Ultra Resources, Inc. (Ultra) proposes to construct, operate and maintain an interconnect access, pipeline and power line corridor area between the existing Three Rivers Federal 3-53-820 / 3-54-280 corridor and the Three Rivers 2-15-820 / 2-25-820 corridor as part of the larger Three Rivers development project (see attached Plan of Development with map and plat package and clearance cover pages).</p> </div> <div style="width: 30%; text-align: center;"> <p><b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>FOR RECORD ONLY</b>          January 29, 2015</p> </div> </div>					
<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent			
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/18/2014				



State of Utah  
School & Institutional  
Trust Lands Administration

## Pipeline request to SITLA

Date	12/18/2014
Company name	Ultra Resources, Inc.
Request Submitted by	Don Hamilton - Permitting Agent
Location of new pipeline (T/R/S)	T8S, R20E, Section 2
Pipeline flows from	existing production wells in Section 2
Pipeline flows to	Existing processing facilities (Section 16)
Pipeline distance (Total / on SITLA)	73 feet
Pipe Description (Size, Material, etc)	12-inch or less steel natural gas gathering pipeline, two 6-inch flex-pipe.
Permanent or Temporary pipeline (If temporary, give estimated removal / rehab date)	Permanent
Surface or Buried (If buried give estimated depth)	Buried
Pipeline will ONLY follow previously disturbed routes (Y/N)	No
Pipeline will Transport (Gas, produced water, frac water, injection water)	Produced oil, glycol, produced water, associated natural gas
Pipeline is inside Unit (Y/N , Give Unit Name)	No unit present
This pipeline will cross unit lines (Y/N)	No, entirely within lease ML-49318
This pipeline will transport off-unit substances. (Y/N)	No
Attachments (Maps, Sundrys, etc.)	Plan of Development with map and plat package
Other notes or explanations	Arch and paleo clearances previously submitted with cover pages attached
<p><u>Note to well and pipeline operators:</u> Off-lease or off-unit transportation across SITLA lands will necessitate an easement. New disturbance will necessitate arch and paleo surveys.</p>	

**Ultra Resources, Inc.**  
**Plan of Development – Section 3 Interconnect Corridor**  
**Access Road, Pipeline and Power line Corridor**

**Prepared for:** School and Institutional Trust Lands Administration  
Salt Lake City, Utah

**Prepared by:** Ultra Resources, Inc.  
304 Inverness Way South, Suite 295  
Englewood, Colorado 80112

**Date:** December 18, 2014

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**Introduction**

Ultra Resources, Inc. (Ultra) proposes to construct, operate and maintain an interconnect access, pipeline and power line corridor area between the existing Three Rivers Federal 3-53-820 / 3-54-280 corridor and the Three Rivers 2-15-820 / 2-25-820 corridor as part of the larger Three Rivers development project. The interconnect route has been proposed primarily to reduce heavy traffic along Uintah County maintained 8000 South where numerous traffic related issues have arisen in an area where a handicapped child resides. The interconnect route would also reduce overall truck traffic within the project area through reduced road length, minimize truck traffic in an area of known Burrowing Owl nests and increase overall SITLA production because of lower pipeline pressures. The proposed power line would facilitate the electrification of all production within Section 2, T8S, R20E, SLB&M reducing overall project related emissions and natural gas consumption for production equipment. The corridor is proposed to contain access, buried pipeline and overhead power line facilities across both State of Utah surface managed by the School and Institutional Trust Lands Administration (SITLA) and federal surface managed by the Bureau of Land Management – Vernal Field Office (BLM).

The proposed permanent ROW width is 90 feet wide for the access road (30 feet), pipeline (30 feet) and power line (30 feet) segments co-located in a single corridor. Construction of the corridor will only utilize the minimum surface required for the safe installation of the road or utilities with surface disturbance of the entire ROW corridor not required.

**Proposed Action**

Ultra proposes to construct access, pipeline and power line segments associated with the Section 3 Interconnect corridor within a new corridor across SITLA and BLM surface as shown on the attached plats and maps. Total ROW disturbance for the access, pipeline and power

line corridor totals 0.09 acres on state surface. Table 1 below reflects the actual disturbance by individual facility.

**Table 1 - Proposed Action for the Section 3 Interconnect Corridor**

Facility with ROW Dimensions	Disturbance Length (feet)		Disturbance (acres)	
	BLM	SITLA	BLM	SITLA
Access (30' X 1,659')	1,611	48	1.11	0.03
Pipeline (30' X 6,014')	1,614	73	1.11	0.05
Power line (30' X 1,626')	1,606	20	1.11	0.01
Total	--	--	3.33	0.09

### **Road Construction**

A road would be constructed within a new 30-foot wide access road corridor as shown on the attached Topo B map. The proposed access road corridor consists of entirely new disturbance (1,659 feet). The road corridor would be constructed between the proposed pipeline and power line corridors. The SITLA segment of the access corridor would be approximately 48 feet in length and traverse between the Ultra maintained Three Rivers 2-15-820 and 2-25-820 corridor and the west line of Section 2, T8S, R20E, SLB&M.

Aggregate for road surfacing would be obtained from private lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust. Following interim reclamation, the running surface width could vary from 18 to 20 feet, but would typically be 18-feet wide throughout the project area with safety, site distance, grade, topography, anticipated traffic flow, and visual resource management concerns being factors in the actual width determination.

Road construction would include clearing and grubbing of brush, windrowing of topsoil, seeding of all disturbed areas outside of the running surface, and installation of a cattle guard and locking gate. Culverts and side drainages are not anticipated with surface water following along the road surface to drainage structures on the connecting existing roads. Road maintenance would be performed, as needed, to ensure safe travel and control dust.

A cattle guard is proposed with this application with a locking Powder River style steel gate installed where the access road crosses the existing fence between federal and state surface. The fence presently exists to control hunting access onto United States Fish and Wildlife Service leased lands as part of the Ouray Wildlife Refuge (Refuge). Ultra will be required to keep the gate locked per Ouray National Wildlife Refuge agreements to control access onto the Refuge lands.

Re-vegetation of road ditches and cut and fill slopes would help stabilize exposed soil and reduce sediment loss, reduce the growth of noxious weeds, reduce maintenance costs, maintain scenic quality and forage, and protect habitat. To ensure successful growth of plants

and forbs, topsoil would be stripped and stockpiled during road construction and re-spread to the greatest degree practical on cut slopes, fill slopes, and borrow ditches prior to seeding. The average road grade would be 4% or less.

### **Pipeline Construction**

A pipeline corridor would be constructed within a new 30-foot wide pipeline corridor as shown on the attached Topo D map. The pipeline corridor would consist of a SITLA segment approximately 73 feet in length and traverse between the Ultra maintained Three Rivers 2-15-820 and 2-25-820 corridor and the west line of Section 2, T8S, R20E, SLB&M.

The pipeline corridor would include the installation of a 12-inch or less steel natural gas gathering pipeline, installation of two 6-inch flex-pipe. All three lines would be buried in the same trench at the time of installation. The proposal includes any necessary associated infrastructure (valves, meters, pigging facilities, etc.). The pipeline corridor would parallel road disturbance along its entire length.

The pipeline would serve to transport natural gas, produced water, completions water and operational gas to and from the state section production wells (Section 2, T8S, R20E, SLB&M) and any future wells that may be drilled in the immediate area. Produced natural gas would be transported west to existing Ultra operated compression and gas treating facilities before being transported by QEP Field services to regional markets. Produced water would also be transported west from the state section 2 to existing Ultra operated central tank batteries and disposal wells located in on nearby state owned surface (Section 16, T8S, R20E, SLB&M). Operational gas would comprise treated dry natural gas the flows from existing compression and treating facilities (Section 16, T8S, R20E, SLB&M) for use at the individual federal and state well sites.

Adjacent well pads and the proposed access road would be utilized for staging allowing the disturbed width to be kept at the minimum necessary to construct the corridor. The corridor would be buried unless conditions encountered during excavation required that the pipeline be surface laid.

Completion of the buried pipeline installation would result in full-reclamation of the ROW corridor during the life of the associated pipelines. Incidental disturbance to the corridor for maintenance activities would be reclaimed as soon as practical during the life of the corridor.

### **Power line Construction**

The proposed power line corridor would provide electrical service to the existing production within Section 2, T8S, R20E, SLB&M. Regional power to this area would allow connection to existing on-lease well authorizations to Ultra that presently contain a power line corridor provision but a power line has not been installed. Following electrification of this production area existing natural gas fired engines would be removed decreasing produced natural gas consumption and overall project related emissions. The power line construction

would involve a surface 3-phase, 7200 Volt distribution line installed by a third-party power line installer within a 30-foot wide corridor. The power line corridor would consist of a SITLA segment approximately 20 feet in length and traverse between the Ultra maintained Three Rivers 2-15-820 and 2-25-820 corridor and the west line of Section 2, T8S, R20E, SLB&M (see attached Topo E).

The power line would parallel the proposed access road and pipeline corridors in their entirety. The power line would be installed and maintained immediately adjacent to the access road corridor and opposite the pipeline corridor. Additional power line construction activities, such as guide wire installation, may occur within the 30-foot ROW corridor, but following interim reclamation, surface disturbance would remain on average, approximately 10 feet for the length of the power line corridor.

Power poles would typically be 40-feet tall and located every 300 feet along the power line corridor. The power lines would be installed approximately 10 feet from a road's edge. Installation and operation of all power lines would be to current industry standards and constructed to prevent raptor electrocution. Existing vegetation along power line routes would not be cleared except at power pole locations.

### **Right-of-Way Corridor Location**

Ultra proposes to install the access road, pipeline and power line corridor across the NW/4 SW/4, Section 2, T8S, R20E, SLB&M, Uintah County, Utah.

The proposed surface disturbance and vehicular travel would be limited to existing access roads and the proposed corridors.

### **Purpose and Need for the Facility**

The interconnect route has been proposed primarily to reduce heavy traffic along Uintah County maintained 8000 South where numerous traffic related issues have arisen in an area where a handicapped child resides. The interconnect route would also reduce overall truck traffic within the project area through reduced road length, minimize truck traffic in an area of known Burrowing Owl nests and increase overall production because of lower pipeline pressures. Furthermore the power line proposed in this application will allow electrification of a large production area presently burning produced natural gas reducing natural gas consumption and overall project emissions. This route is the shortest distance that provides the most resource protection while minimizing impacts along the entire route.

### **Additional Components of the ROW**

Alternate corridor routes were considered and deemed unsatisfactory given that the route is the shortest distance between existing infrastructures. Activity proposed in the immediate area of the project is routine inspection and maintenance of the corridor and associated well and the



ongoing oil and gas activities of Ultra and other operators with interests in the area. The anticipated life of the project corresponds to the life of the producing wells the corridors would service and is anticipated to be approximately 30 years.

Installation activities associated with the proposed corridors are anticipated to take approximately one week to complete and would include blading and grading. The corridor has been proposed to make the best use of existing disturbance and parallel existing roads where practical. No existing facility upgrade or removal is proposed with this application.

Associated infrastructure for the access road includes traffic control signs, pipelines would include valves, pigging and metering facilities and the power line would include guy wires and raptor protection devices that would be installed as needed along the three segments within the approved 90-foot rights-of-way width. Staging areas are proposed on existing well pads in the immediate area with no new surface disturbance on SITLA surface proposed for staging area use. Surface disturbance and vehicular travel would be limited to existing access roads. Members of the project workforce would commute from surrounding towns and cities.

Equipment needed to construct the corridor would include, dozers, motor grader, track excavators, transport trucks, backhoes, sidebooms, water trucks, pole trucks and pick-up trucks. Vehicle traffic during the construction phase would include the transportation of materials and heavy equipment, the commuting of the workforce, and the daily operation of the construction equipment.

### **Government Agencies Involved**

The proposed ROW is located on State of Utah surface under the management of the SITLA and federal surface under the management of the Bureau of Land Management with surface use pending. No additional agency would be applied to in association with this application.

### **Additional Details**

1. Appropriate erosion and sedimentation control structures would be incorporated into the corridor.
2. Dust control measures would be implemented as necessary.
3. Noxious and Invasive Weeds: To reduce the likelihood of the introduction of noxious and invasive weed species via project-related vehicles and equipment into the area, the following measures would be implemented:
  - a. Ultra and their contractors would power-wash all construction equipment and vehicles prior to the start of construction. Any vehicles traveling between the project location and outside areas would be power-washed on a weekly basis.
  - b. Weed control would be conducted through an Approved Pesticide Use Plan from the SITLA and would occur the first growing season after project completion.
4. Trash containers and a portable toilet would be located on the construction site during construction. Upon completion of construction, the toilet and its contents would be transported to Vernal, Utah's municipal sewage facility in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash

and nonflammable waste materials would be hauled to the Duchesne and Uintah County landfills. All debris and waste materials not contained in the trash containers would be cleaned up, removed, and disposed of at the landfill. No potentially harmful materials or substances would be left in the area. Scrap metal and other recyclable refuse would be hauled to the Ultra yard. Vehicle traffic during the construction phase would include the transportation of materials and heavy equipment, the commuting of the workforce, and the daily operation of the construction equipment.

5. Stabilization, Rehabilitation and Reclamation: Reclamation efforts for the proposed corridor would consist of re-seeding the area with a SITLA approved seed mixture. Reclaimed areas receiving incidental disturbance during the life of the project would be re-contoured and reseeded as soon as practical. A reclamation plan for the existing road would be provided prior to reclamation activity initiation.

### **Operations and Maintenance**

Ultra would be responsible for all maintenance activities associated with the corridor. All maintenance activities would be confined to the existing disturbed width/requested ROW.

### **Representatives for Ultra Resources, Inc.**

Kelly Bott – Regulatory and Environmental Manager  
304 Inverness Way South, Suite 295  
Englewood, Colorado 80112  
303-645-9809  
[kbott@ultrapetroleum.com](mailto:kbott@ultrapetroleum.com)

John Busch – Field Foreman  
304 Inverness Way South, Suite 295  
Englewood, Colorado 80112  
435-828-8003  
[djbusch@ubtanet.com](mailto:djbusch@ubtanet.com)

Don Hamilton  
2580 Creekview Road  
Moab, Utah 84532  
435-650-3866  
[starpoint@etv.net](mailto:starpoint@etv.net)

NW 1/4

NE 1/4

SE 1/4

ULTRA RESOURCES INC

ROAD RIGHT-OF-WAY ON  
STATE LANDS

Sec. 3

1/4 Section Line

Sec. 2

(For SECTION 3 INTERCONNECT  
ROAD)

LOCATED IN  
SECTION 2, T8S, R20E, S.L.B.&M.,  
UINTAH COUNTY, UTAH

STATE  
OF  
UTAH

BLM  
LANDS

BLM  
LANDS

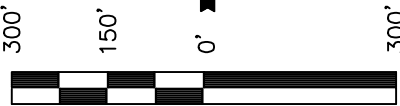
Existing  
Three Rivers Federal  
#3-53-820 & #3-54-820

END OF PROPOSED ROAD  
RIGHT-OF-WAY  
STA. 0+47.66  
(At Section Line)

BEGINNING OF PROPOSED  
ROAD RIGHT-OF-WAY  
STA. 0+00  
(At Existing Road)

Proposed Interconnect  
Road for Three Rivers  
Federal #3-53-820 & #3-54-820

Existing  
Road



S C A L E

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

SW 1/4

1/16 Section Line

SE 1/4

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N89°57'57"W	47.66'

ROAD RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING  
DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NW 1/4 SW 1/4 OF SECTION 2,  
T8S, R20E, S.L.B.&M., WHICH BEARS S02°02'07"E 1111.68' FROM  
THE WEST 1/4 CORNER OF SAID SECTION 2, THENCE N89°57'57"W  
47.66' TO A POINT ON THE WEST LINE OF THE NW 1/4 SW 1/4 OF  
SAID SECTION 2, WHICH BEARS S00°25'18"W 1110.98' FROM THE  
WEST 1/4 CORNER OF SAID SECTION 2. THE SIDE LINES OF SAID  
DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO  
MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A  
G.P.S. OBSERVATION. CONTAINS 0.033 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS S02°02'07"E  
1111.68' FROM THE WEST 1/4 CORNER OF SECTION 2,  
T8S, R20E, S.L.B.&M.

END OF ROAD STA. 0+47.66 BEARS S00°25'18"W  
1110.98' FROM THE WEST 1/4 CORNER OF SECTION 2,  
T8S, R20E, S.L.B.&M.

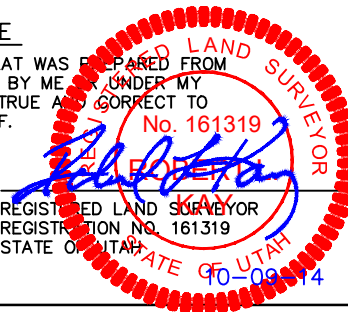
Existing Road

STATE  
OF  
UTAH

▲ = SECTION CORNERS LOCATED.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO  
THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 10-09-14 S.S.

UINTAH ENGINEERING & LAND SURVEYING	
85 SOUTH - 200 EAST • (435) 789-1017	
VERNAL, UTAH - 84078	
SCALE 1" = 300'	DATE 03-19-14
PARTY J.F. C.A. S.O.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE 5 6 2 4 2

NW 1/4

NE 1/4

Sec. 3

1/4 Section Line

Sec. 2

ULTRA RESOURCES INC  
PIPELINE RIGHT-OF-WAY ON  
STATE LANDS  
(For SECTION 3 INTERCONNECT  
PIPELINE)

LOCATED IN  
SECTION 2, T8S, R20E, S.L.B.&M.,  
UINTAH COUNTY, UTAH

STATE  
OF  
UTAH

BLM  
LANDS

BLM  
LANDS

Existing  
Three Rivers Federal  
#3-53-820 & #3-54-820

END OF PROPOSED  
PIPELINE RIGHT-OF-WAY  
STA. 0+73.25  
(At Section Line)

BEGINNING OF PROPOSED  
PIPELINE RIGHT-OF-WAY  
STA. 0+00  
(At Existing Pipeline)

Proposed Interconnect  
Road for Three Rivers  
Federal #3-53-820 & #3-54-820

Proposed Interconnect  
Pipeline for Three Rivers  
Federal #3-53-820 & #3-54-820

Existing  
Road

Existing  
Pipeline

Existing  
Pipeline

1/16 Section Line

SE 1/4

SW 1/4

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N89°59'41"W	73.25'

PIPELINE RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NW 1/4 SW 1/4 OF SECTION 2, T8S, R20E, S.L.B.&M., WHICH BEARS S03°16'09"E 1137.82' FROM THE WEST 1/4 CORNER OF SAID SECTION 2, THENCE N89°59'41"W 73.25' TO A POINT ON THE WEST LINE OF THE NW 1/4 SW 1/4 OF SAID SECTION 2, WHICH BEARS S00°25'18"W 1135.98' FROM THE WEST 1/4 CORNER OF SAID SECTION 2. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.050 ACRES MORE OR LESS.

BEGINNING OF PIPELINE STA. 0+00 BEARS  
S03°16'09"E 1137.82' FROM THE WEST 1/4 CORNER  
OF SECTION 2, T8S, R20E, S.L.B.&M.

END OF PIPELINE STA. 0+73.25 BEARS S00°25'18"W  
1135.98' FROM THE WEST 1/4 CORNER OF SECTION 2,  
T8S, R20E, S.L.B.&M.

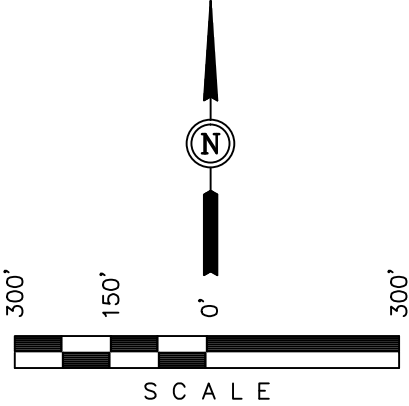
NW Cor. Sec. 2  
1988 Brass Cap,  
0.5' High, E-W Fence

1988 Alum.  
Cap 0.8 High

N02°40'04"W  
2657.54' (Meas.)

Section Line  
N00°25'18"E - 2640.23' (Meas.)

STATE  
OF  
UTAH



BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

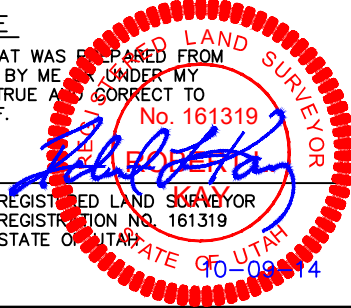
RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
STATE OF UTAH	73.25	0.050	4.44

▲ = SECTION CORNERS LOCATED.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME, UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 10-09-14 S.S.

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH - 200 EAST • (435) 789-1017 VERNAL, UTAH - 84078	
SCALE 1" = 300'	DATE 03-19-14
PARTY J.F. C.A. S.O.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE 5 6 2 4 4

SW Cor. Sec. 3  
Alum. Cap

S89°17'29"W - 5341.90' (Meas.)

Section Line

Alum. Cap

NW 1/4

NE 1/4

Sec. 3

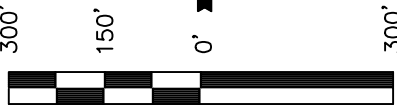
1/4 Section Line

Sec. 2

ULTRA RESOURCES INC  
POWER LINE RIGHT-OF-WAY  
ON STATE LANDS  
(For SECTION 3 INTERCONNECT  
POWER LINE)

LOCATED IN  
SECTION 2, T8S, R20E, S.L.B.&M.,  
UINTAH COUNTY, UTAH

STATE  
OF  
UTAH



S C A L E

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

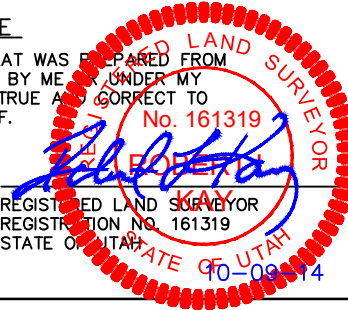
RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
STATE OF UTAH	19.67	0.014	1.19

▲ = SECTION CORNERS LOCATED.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME, AND UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO  
THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 10-09-14 S.S.

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH - 200 EAST • (435) 789-1017  
VERNAL, UTAH - 84078

SCALE 1" = 300'	DATE 03-19-14
PARTY J.F. C.A. S.O.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE 5 6 2 4 3

BLM  
LANDS

BLM  
LANDS

Existing  
Three Rivers Federal  
#3-53-820 & #3-54-820

END OF PROPOSED  
POWER LINE RIGHT-OF-WAY  
STA. 0+19.67  
(At Section Line)

BEGINNING OF PROPOSED  
POWER LINE RIGHT-OF-WAY  
STA. 0+00  
(At Existing Power Line)

Proposed Interconnect  
Power Line for Three Rivers  
Federal #3-53-820 & #3-54-820

Proposed Interconnect  
Road for Three Rivers  
Federal #3-53-820 & #3-54-820

Existing  
Power Line

Existing  
Road

Existing  
Road

LINE TABLE

LINE	DIRECTION	LENGTH
L1	N89°56'51"W	19.67'

POWER LINE RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING  
DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NW 1/4 SW 1/4 OF SECTION 2,  
T8S, R20E, S.L.B.&M., WHICH BEARS S00°36'58"E 1085.97' FROM  
THE WEST 1/4 CORNER OF SAID SECTION 2, THENCE N89°56'51"W  
19.67' TO A POINT ON THE WEST LINE OF THE NW 1/4 SW 1/4 OF  
SAID SECTION 2, WHICH BEARS S00°25'18"W 1058.92' FROM THE  
WEST 1/4 CORNER OF SAID SECTION 2. THE SIDE LINES OF SAID  
DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO  
MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A  
G.P.S. OBSERVATION. CONTAINS 0.014 ACRES MORE OR LESS.

BEGINNING OF POWER LINE STA. 0+00 BEARS  
S00°36'58"E 1085.97' FROM THE WEST 1/4 CORNER  
OF SECTION 2, T8S, R20E, S.L.B.&M.

END OF POWER LINE STA. 0+19.67 BEARS  
S00°25'18"W 1058.92' FROM THE WEST 1/4 CORNER  
OF SECTION 2, T8S, R20E, S.L.B.&M.

SW Cor. Sec. 3  
Alum. Cap

S89°17'29"W - 5341.90' (Meas.)

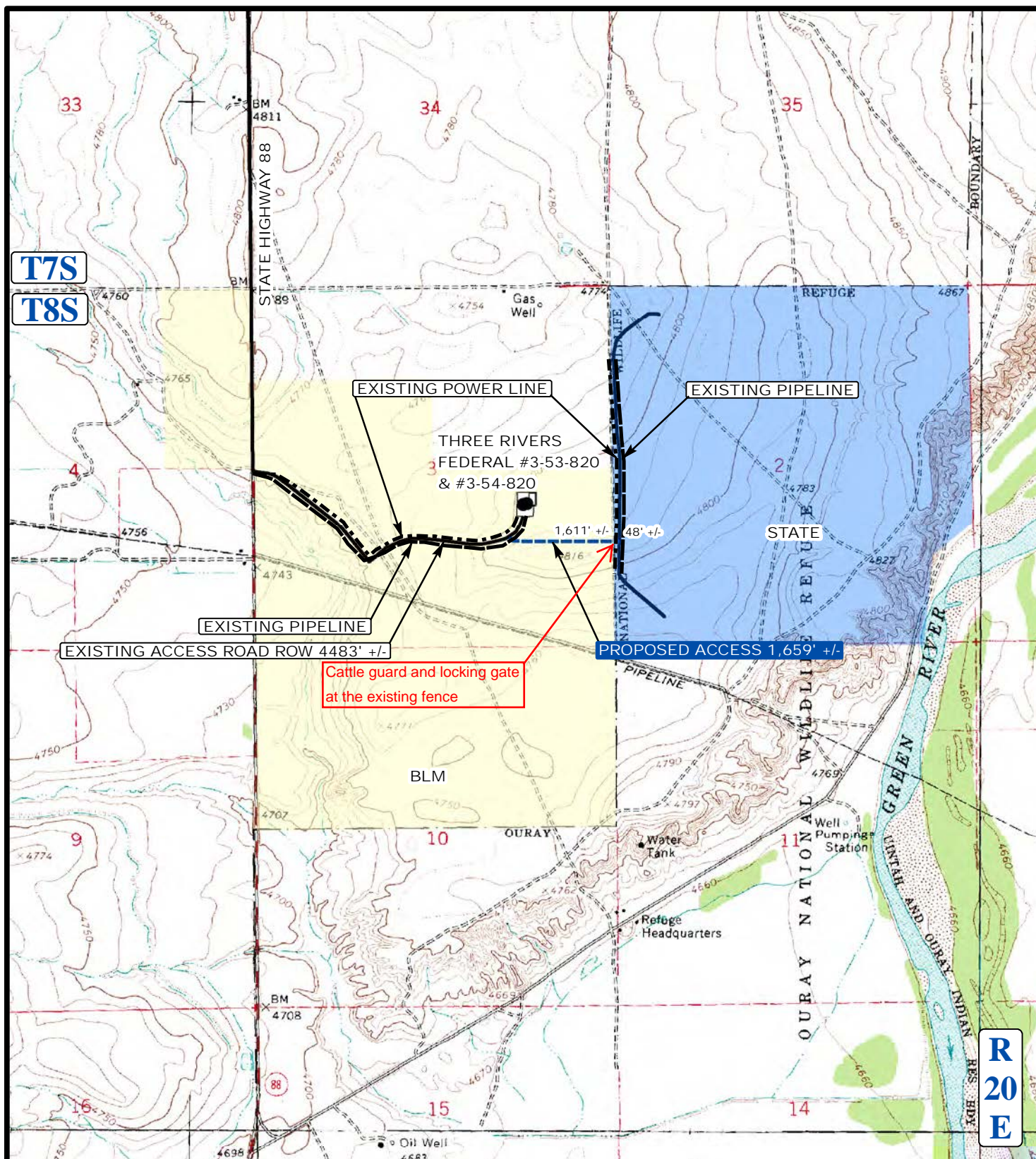
Section Line

Alum. Cap

Section Line

STATE  
OF  
UTAH





**LEGEND:**

- EXISTING ROADS
- - - - - EXISTING POWER
- EXISTING PIPELINE
- PROPOSED ACCESS ROAD



**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**ULTRA RESOURCES, INC.**

**SECTION 3 INTERCONNECT ROAD**  
**SECTION 3, T8S, R20E, S.L.B.&M.**  
**NE 1/4 SE 1/4**

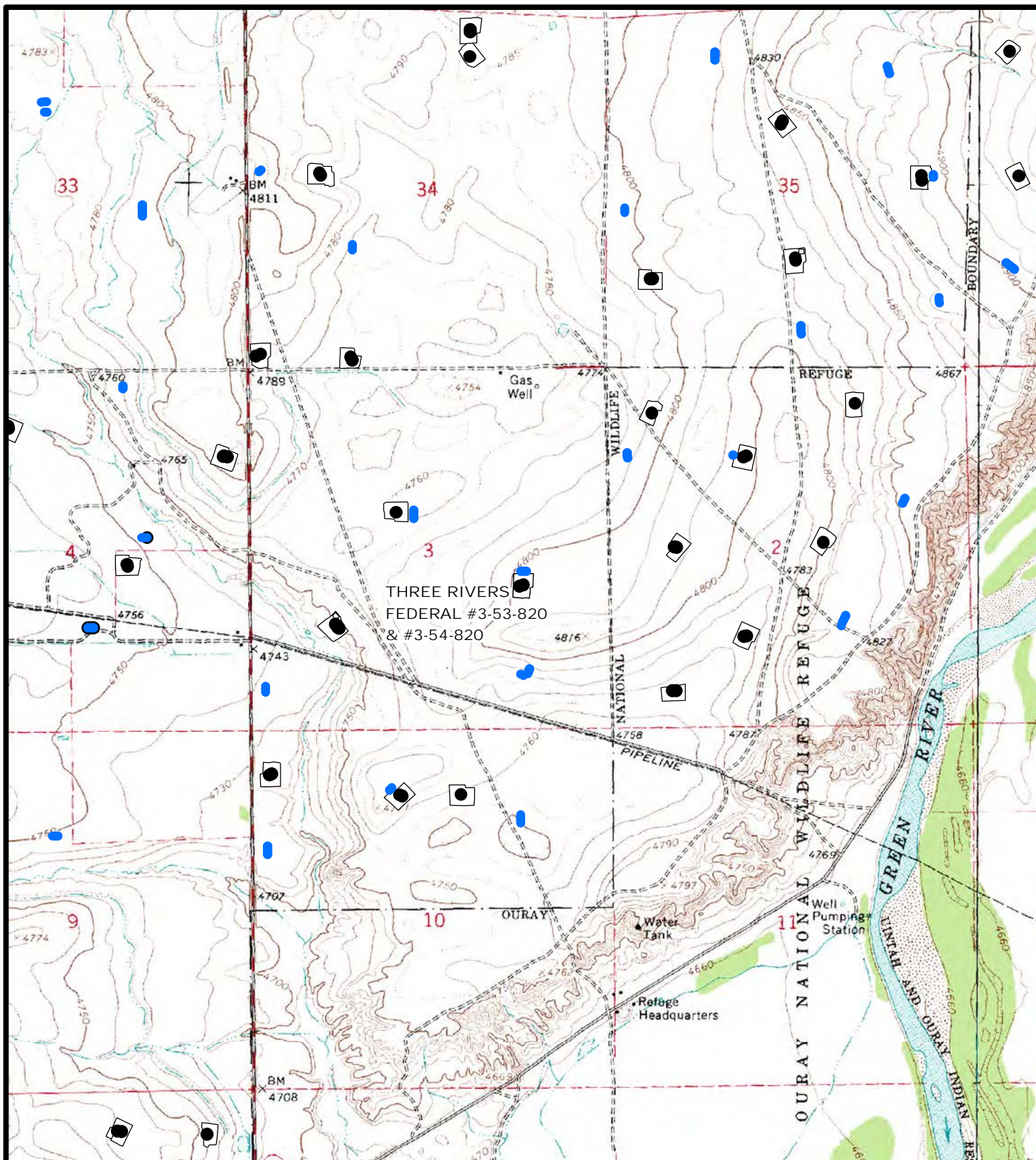
**ACCESS ROAD**  
**MAP**

**03** **14** **14**  
 MONTH DAY YEAR

SCALE: 1"= 2000' DRAWN BY: J.D.J. REV: 09-29-14 M.M.







# LEGEND:

- ULTRA PROPOSED WELLS
- ULTRA EXISTING WELLS

ULTRA RESOURCES, INC.

SECTION 3 INTERCONNECT PIPELINE  
SECTION 3, T8S, R20E, S.L.B.&M.  
NE 1/4 SE 1/4



**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



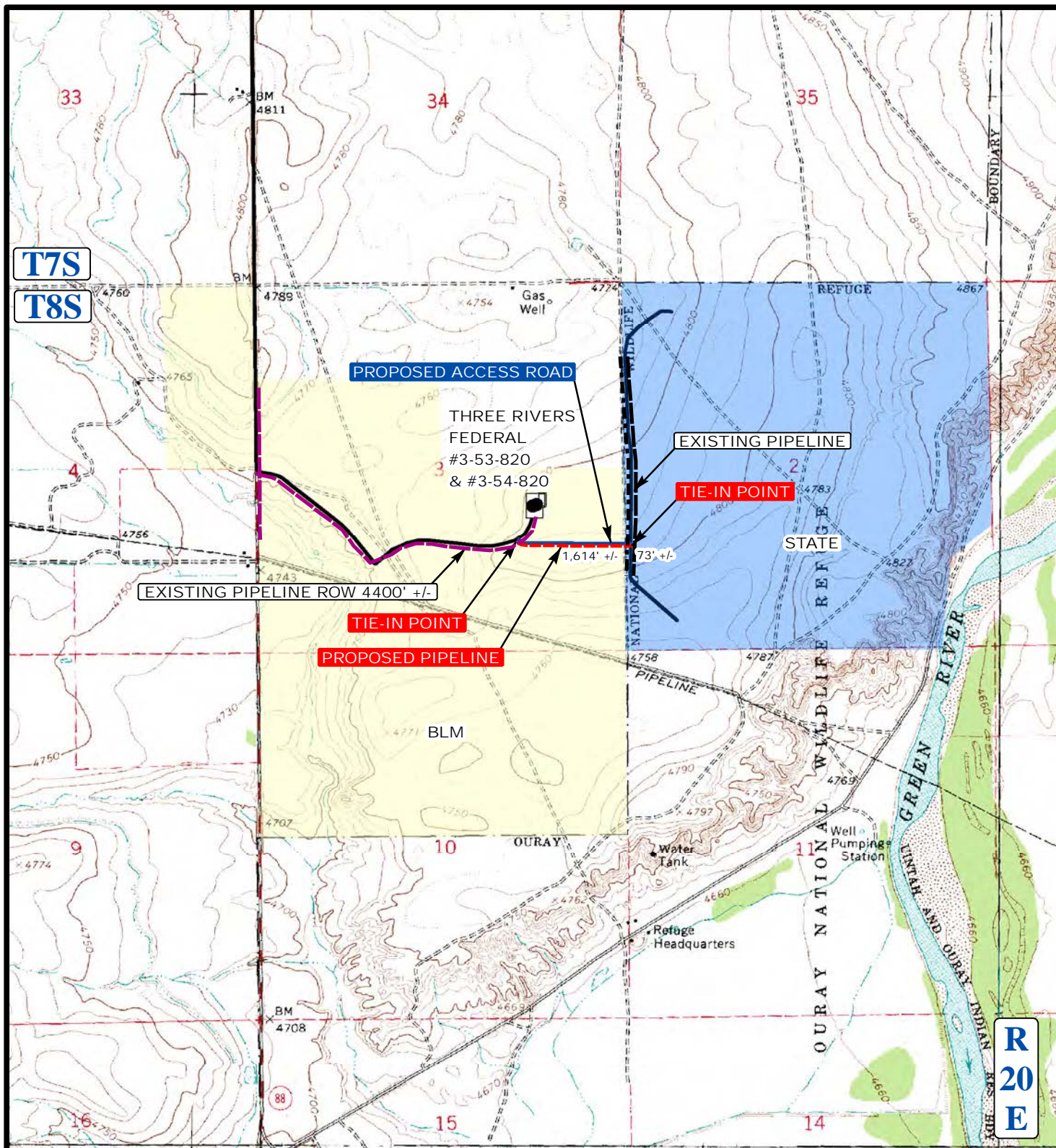
**TOPOGRAPHIC  
MAP**

**09 29 14**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: M.M. REVISION: 00-00-00







**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,687' +/-**

**LEGEND:**

- EXISTING ROADS
- PROPOSED ACCESS ROAD
- - - - - EXISTING PIPELINE
- PROPOSED PIPELINE

**ULTRA RESOURCES, INC.**

**SECTION 3 INTERCONNECT PIPELINE  
SECTION 3, T8S, R20E, S.L.B.&M.  
NE 1/4 SE 1/4**



**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



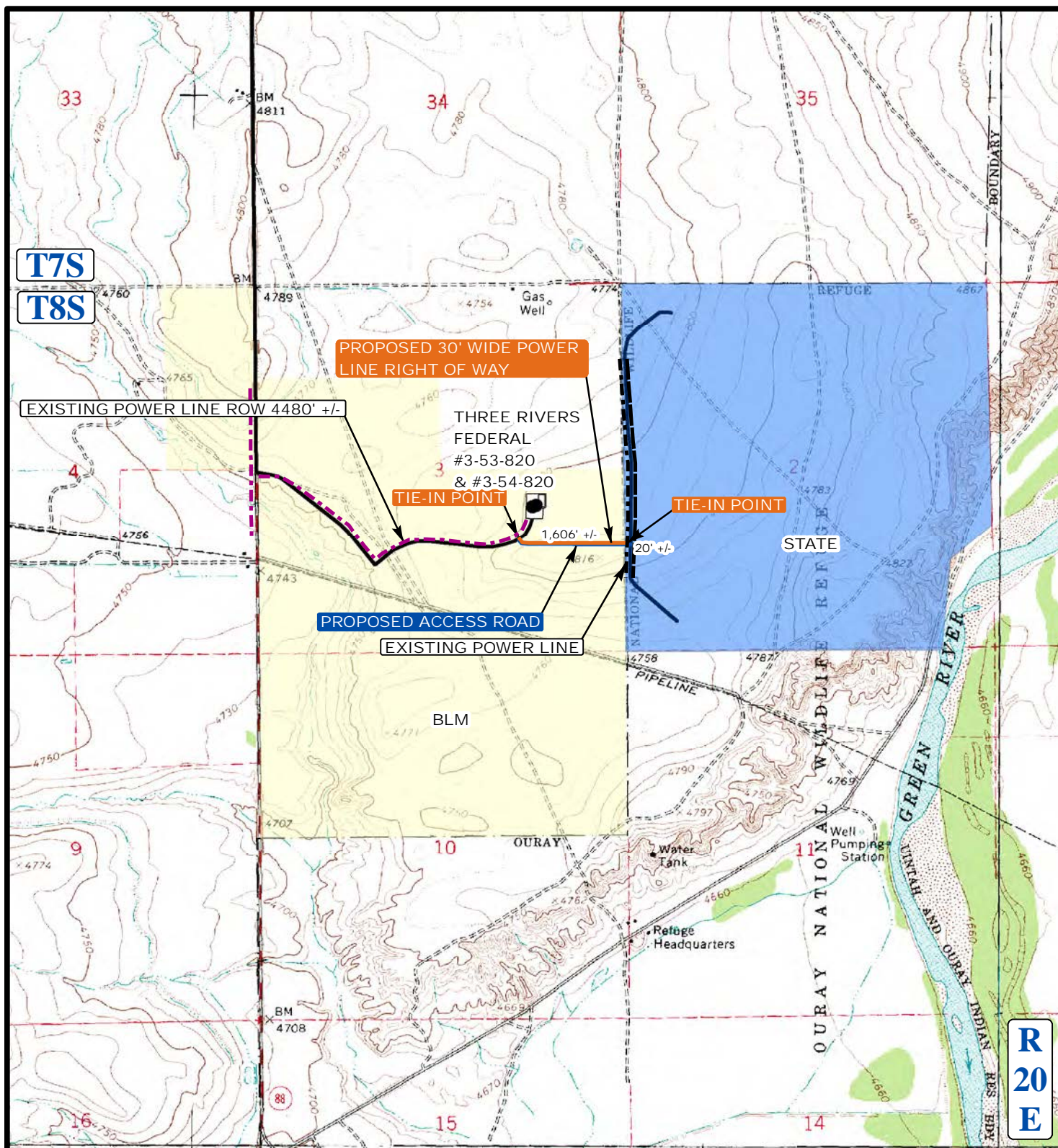
**TOPOGRAPHIC  
MAP**

SCALE: 1" = 2000' DRAWN BY: J.D.J. REV: 09-29-14 M.M.

**03 14 14**  
MONTH DAY YEAR

**D**  
TOPO





**APPROXIMATE TOTAL POWER LINE DISTANCE 1,626' +/-**

**LEGEND:**

- EXISTING ACCESS ROAD
- PROPOSED ACCESS ROAD
- PROPOSED POWER LINE
- - - - - EXISTING POWER LINE

**ULTRA RESOURCES, INC.**

**SECTION 3 INTERCONNECT POWER LINE**  
**SECTION 3, T8S, R20E, S.L.B.&M.**  
**NE 1/4 SE 1/4**



**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP**

SCALE: 1" = 2000' DRAWN BY: J.D.J. REV: 09-29-14 M.M.

**03 14 14**  
MONTH DAY YEAR



CULTURAL RESOURCE INVENTORY OF  
ULTRA RESOURCES' PROPOSED SECTION 3  
INTERCONNECT (ACCESS, PIPELINE AND POWERLINE)  
(T8S, R20E, SECTIONS 2 AND 3)  
UINTAH COUNTY, UTAH

By:

Amy Ackman

Prepared For:

Bureau of Land Management  
Vernal Field Office  
and  
State of Utah  
School & Institutional Trust Lands Administration

Prepared Under Contract With:

Ultra Resources  
1999 Broadway  
Denver, CO 80202

Prepared By:

Montgomery Archaeological Consultants, Inc.  
PO Box 219  
Moab, Utah 84532

MOAC Report No. 14-097

May 30, 2014

United States Department of the Interior (FLPMA)  
Permit No. 14-UT-60122

State of Utah Public Lands Policy  
Archaeological Survey Permit No. 117

State of Utah Antiquities Project (Survey)  
Permit No. U-14-MQ-0273b,s

**PRELIMINARY PALEONTOLOGICAL SURVEY REPORT**

**ULTRA RESOURCES, INC.**  
**SECTION 3 INTERCONNECT ROAD**  
**SECTIONS 2 & 3, TOWNSHIP 8 SOUTH, RANGE 20 EAST, SLB&M**

**BUREAU OF LAND MANAGEMENT, STATE OF UTAH,**  
**OURAY NATIONAL WILDLIFE REFUGE**  
**UINTAH COUNTY, UTAH**



**APRIL 17, 2014**

**BLM PERMIT UT06-016C**

**Prepared by**  
**Sue Ann Bilbey, Ph.D., J. Evan Hall, and**  
**Quinn W. Hall**  
**Uinta Paleontological Associates, Inc.**  
**P. O. Box 223**  
**Vernal, Utah 84078**  
**435-790-2558**

**Utah BLM Paleontology Permit – UT06-016C , Utah State Paleontology Permit 2014-430, and**  
**Special Use Permit (#65570-11-05 extended) from the U. S. Department of Interior, U. S. Fish and**  
**Wildlife Service Permit – Ouray National Wildlife Refuge**